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(Copy 4) INTERMOUNTAIN  
RANGE PLANT  
NAMES AND SYMBOLS



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INTERMOUNTAIN FOREST AND RANGE  
EXPERIMENT STATION  
FOREST SERVICE  
U.S. DEPARTMENT OF AGRICULTURE



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INTERMOUNTAIN RANGE PLANT NAMES AND SYMBOLS

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## PURPOSE AND SCOPE

This revised alphabetical list of botanical and common names of vascular plants that primarily grow on wildlands of the Intermountain region and adjacent areas has been assembled for use in quickly recording occurrence of plants in the field and for rapid machine processing of field data. Included are plants found in Utah, Nevada, southern Idaho, and Wyoming, and most Montana species.

Where there has been a recent change of a long-used name of an entry, the old name is shown in parentheses after the new name. Likewise, the old generic name of a species may be entered and followed by the now-accepted generic name in parentheses.

The list is based on phylogenetic presentations in recognized Western Floras and other publications relating to occurrence of species on wildland sites (see bibliography). Particular attention has been paid to the "Checklist of the Vascular Plants of the Intermountain Region" (Holmgren and Reveal 1966). This provides the principal base for our listings. Kelsey and Dayton's "Standardized Plant Names" (1942) as well as a revision of this work by Beetle (1970) were consulted, particularly in assembling the common names. The "Check List of Native and Naturalized Trees of the United States" (Little 1953) was referred to for names of most trees.

Many botanical names have changed since the first "Intermountain Range Plant Symbols" (1966) was published. These changes have primarily resulted from revisions of botanical names through studies by authoritative taxonomists. Benson's "The Cacti of Arizona" (1974) made it necessary to change the names of a number of cacti. Where authoritative changes have been made by botanists, they have been accepted in this plant list to make the list as current as possible. Several introduced species now widely planted, and other exotics that have become naturalized, are included.

Special effort has been made to include a complete list of shrubs and trees in the Intermountain States. Subspecies and varieties have been shown where this is warranted. Many woody plants are being considered for use in artificial restoration projects for improvement of wildlife habitat, recreational areas, domestic livestock grazing, and stabilization of disturbed areas. Likewise, subspecies and occasional varietal names of grasses and forbs have been shown where current use warrants their inclusion.

Spelling of names generally follows forms in the "Government Printing Office Style Manual." Some common names, beyond those used by Kelsey and Dayton (1942), and Beetle (1970) and those used by Little (1950), are shown when they are known to be in current use. When a reference was not available for a common name, the most widely used one was accepted.

## ARRANGEMENT OF PLANT NAMES

Species are grouped generally according to growth form as (1) grasses, (2) grasslike plants, (3) forbs, and (4) trees and shrubs. The cacti are included with the shrubs, and the ferns with the forbs. Within each growth form, plant names are arranged alphabetically by genera and then by species within each genus.

### SYMBOLS FOR GENERA

Symbols for genera are the capitalized first five letters of the genus name, except for generic names that are duplicated. If the first five letters of two or more generic names are identical and would thus give duplicate symbols, a numeral replaces the last letter of any duplicate symbol according to alphabetic order of the whole name. For example, the genera *Anemone* and *Anemopsis* have initial *Anemo-* in common. Since *Anemone* precedes, it is coded ANEMO, and *Anemopsis* is coded ANEM2.

The 12 generic names that have fewer than five letters are spelled in full in the code. They are: *Acer*, *Beta*, *Geum*, *Iris*, *Iva*, *Nama*, *Poa*, *Rhus*, *Rosa*, *Sida*, *Sium*, and *Zea*.

### SYMBOLS FOR SPECIES AND STRAINS

The symbol for each species consists of the first two letters of the generic name plus the first two letters of the species name, all in capital letters, thus: AGAR for *Agropyron arizonicum*. If the same four-letter symbol should fit two or more species, numerals are added to the duplicates; this makes a symbol of four letters plus a digit, as AGDE2. Where strain or variety is shown, the first letter of the name of the variety is added; this makes a five-letter symbol, as AGINA for *Agropyron intermedium amurense*. If there is duplication in symbols for varieties, a numeral replaces the fifth letter, as ACGL2--*Acer glabrum douglasii*.

Since capital letters have been used in all letter symbols here, we recommend that capitals be used for all symbols written on field data sheets. This practice helps prevent mistakes in interpretation, both in the field and later in the office.

Omissions and errors no doubt are present. Since a future revision is contemplated, suggestions, comments, and notes on additions and errors are welcome. They should be sent to the Director, Intermountain Forest and Range Experiment Station, 507 - 25th Street, Ogden, Utah 84401.

GRASSES			GRASSES		
Alpha code	Scientific name	Common name	Alpha code	Scientific name	Common name
AEGIL	<i>Aegilops</i> spp.	Goatfacegrass	AGROP	<i>Agropyron</i> spp. (con.)	
AECY	<i>cylindrica</i>	Jointed goatfacegrass	AGSE	<i>semicostatum</i>	Drooping wheatgrass
AGROP	<i>Agropyron</i> spp.	Wheatgrass	AGSI	<i>sibiricum</i>	Siberian wheatgrass
AGAL2	<i>albicans</i>	Montana wheatgrass	AGSMS	<i>smithii</i>	Bluestem or western wheatgrass
AGAR	<i>arizonicum</i>	Arizona wheatgrass	AGSMM	<i>smithii molle</i>	
AGBA	<i>bakeri</i>	Baker wheatgrass	AGSMP	<i>smithii palmeri</i>	
AGBR	<i>brachyphyllum</i>		AGSP3	<i>spicatum</i>	Bearded bluebunch wheatgrass
AGCA	<i>caespitosum</i>			<i>spicatum</i>	Beardless bluebunch wheatgrass
AGCA2	<i>caninum</i>	Bearded wheatgrass	AGSPI	<i>spicatum inerme</i>	Hairy bluebunch wheatgrass
AGCI	<i>ciliatiflorum</i>		AGSPP	<i>spicatum pubescens</i>	Alpine bearded wheatgrass
AGCO	<i>compactum</i>		AGSUS	<i>subsecundum</i>	Slender bluebunch wheatgrass
AGCR	<i>cristatum</i>	Fairway wheatgrass	AGSUA	<i>subsecundum</i>	Stiffhair or Pubescent wheatgrass
AGDA	<i>dasystachyum</i>	Thickspike wheatgrass	AGTR	<i>trachycaulum</i>	Annual wheatgrass
AGDE2	<i>desertorum</i>	Crested or Desert wheatgrass	AGTR2	<i>trichophorum</i>	
AGEL	<i>elmeri</i>	Elmer wheatgrass	AGTR3	<i>triticeum</i>	
AGEL2	<i>elongatiforme</i>		AGR02	<i>Agrostis</i> spp.	Bentgrass (see <i>A. gigantea</i> )
AGEL3	<i>elongatum</i>	Tall wheatgrass	AGAL	<i>alba</i>	
AGGL2	<i>glaucum</i>		AGBO	<i>borealis</i>	Arctic bentgrass
AGGR2	<i>griffithsii</i>	Griffiths wheatgrass	AGCA3	<i>castellana</i>	Castille bentgrass
AGINI	<i>intermedium</i>	Intermediate wheatgrass	AGDI	<i>diegoensis</i>	Thinggrass
AGINA	<i>intermedium</i>		AGGI2	<i>gigantea</i>	Redtop
AGJU	<i>amurense</i>	Amur wheatgrass	AGEX	<i>exarata</i>	Spike bentgrass
AGJU	<i>junceum</i>	Rushleaf quackgrass	AGHI	<i>hiemalis</i>	Winter bentgrass
AGKO	<i>kosanini</i>		AGHU	<i>humilis</i>	Alpine bentgrass
AGLA	<i>latiglume</i>	Subalpine wheatgrass	AGID	<i>idahoensis</i>	Idaho redtop
AGLI	<i>littorale</i>		AGLE	<i>lepidia</i>	Sequoia bentgrass
AGLO	<i>loloides</i>		AGMI	<i>microphylla</i>	Smallleafed bentgrass
AGOB	<i>obtusinsculum</i>		AGOR	<i>oregonensis</i>	Oregon bentgrass
AGPS	<i>pseudorepens</i>	False quackgrass	AGPA	<i>palustris</i>	Creeping bentgrass
AGPU	<i>pungens</i>	Stiffleaf quackgrass	AGRO	<i>rossae</i>	Ross redtop
AGRE2	<i>repens</i>	Quackgrass	AGSC2	<i>scabra</i>	Rough bentgrass
AGRI	<i>riparium</i>	Streambank wheatgrass			
AGSA	<i>saxicola</i>	Foxtail wheatgrass			
AGSA2	<i>saundersii</i>	Saunders wheatgrass			
AGSC	<i>scribneri</i>	Scribner wheatgrass			

GRASSES

AGRO2	Agrostis spp. (con.)	
AGSE2	semiverti-cillata	Water bentgrass
AGST	stolonifera	Carpet bentgrass
AGTE	tenuis	Colonial bentgrass
AGTH	thurberiana	Thurber bentgrass
AGVA	variabilis	
ALOPE	Alopecurus spp.	Foxtail
ALAE	aequalis	Shortawn foxtail
ALAL	alpinus	Alpine foxtail
ALAR	arundinaceus	Reed foxtail
ALCA3	carolinianus	Carolina foxtail
ALGE3	geniculatus	Water foxtail
ALPA3	pallescens	Washington foxtail
ALPR	pratensis	Meadow foxtail
ANDRO	Andropogon spp.	Bluestem
ANBA	barbinodis	Cane bluestem
ANGE	gerardi	Big bluestem
ANGL	glomeratus	Bush bluestem
ANHA	hallii	Sand bluestem
ANHI	hirtiflorus	Santa Fe bluestem
ANSA	saccharoides	Silver bluestem
ANSC	scoparius (see Schizachyrium)	Little bluestem
ARIST	Aristida spp.	Three-awn
ARAD	adscensionis	Sixweek three-awn
ARAR2	arizonica	Arizona three-awn
ARDI	divaricata	Poverty three-awn
ARFE	fendleriana	Fendler three-awn
ARGL	glaucha	Blue three-awn
ARHA	hamulosa	Mesa three-awn
ARLOL	longiseta longiseta	Red three-awn
ARLOR	longiseta rariflora	
ARLO3	longiseta robusta	
AROL	oligantha	Prairie three-awn
ARPAG6	parishii	Parish three-awn
ARPU4	purpurea	Purple three-awn
ARWR	wrightii	Wright three-awn
ARRHE	Arrhenatherum spp.	Oatgrass
AREL	elatius	Tall oatgrass

GRASSES

AVENA	Avena spp.	Oat
AVBA	barbata	Slender oat
AVBR	bromoides	
AVFAF	fatua fatua	Wildoat
AVFAG	fatua	
AVFI	glabretta filifolia	
AVSA	sativa	Common oat
BECKM	Beckmannia spp.	Sloughgrass
BESY	syzigachne	American sloughgrass
BLEPH	Blepharidachne spp.	Desertgrass
BLKI	kingii	King desertgrass
BLEP3	Blepharoneuron spp.	
BLTR	tricholepis	Dropseed or Pinegrass
BOUTE	Bouteloua spp.	Grama
BOAR	aristidoides	Needle grama
BOBA	barbata (rothrockii)	
BOCU	curtipendula	Sixweeks grama
BOER	eriopoda	Sideoats grama
BOGR	gracilis	Black grama
BOHI	hirsuta	Blue grama
BOSI2	simplex	Hairy grama
BOTR	trifida	Mat grama
BOUN	uniflora	Red grama
BRACH	Brachypodium spp.	Neally grama
BRDI	distachyon	Falsebrome
BRPH	phoenicoides	Purple falsebrome
BRPI	pinnatum	Japanese falsebrome
BRSY	sylvaticum	Slender falsebrome
BROMU	Bromus spp.	Brome
BRAR	arenarius	Australian chess
BRAR2	arizonicus (carinatus)	Arizona brome
BRAR3	arvensis	Field brome
BRBA	barcensis	
BRBI	biebersteinii	Regar brome
BRBR2	breviarista-tus	
BRBR	brizaeformis	Slimleaf brome
BRCA	carinatus	Rattlesnake brome
BRCI	ciliatus	Mountain brome
BRCO	commutatus	Fringed brome
	commutatus	Hairy brome

GRASSES			GRASSES		
BROMU	Bromus spp. (con.)		CALAM	Calamagrostis spp. (con.)	
BRCOA	commutatus		CAIN	inexpansa	Northern
	apricorum	Sunshine brome	CAKO	koeler- ioides	reedgrass
BRER	erectus	Meadow brome	CAMO	montanensis	Fireweed
BRFI	fibrosus		CANE	neglecta	Plains reedgrass
BRFR2	frondosus	Weeping brome	CAPU	purpura- ascens	Slimstem
BRHA	haenkeanus		CARU	rubescens	reedgrass
BRIN	inermis	Smooth brome	CASC	scopulorum	Purple pinegrass
BRJAJ	japonicus		CASC2	scribneri	Pinegrass
	japonicus	Japanese chess	CATW	tweedyi	Jones reedgrass
BRJAP	japonicus		CALA2	Calamovilfa	Scribner reedgrass
	porrectus			spp.	Cascade reedgrass
BRLA	lanatipes	Nodding brome	CAGI	gigantea	Sandreed
	(anomalus)		CALO	longifolia	
BRMA	marginatus	Big mountain brome	CATAB	Catabrosa spp.	Big sandreed
BRMO	mollis	Soft chess	CAAQ	aquatica	Prairie sandreed
BROR	orcuttianus	Orcutt brome	CENCH	Cenchrus spp.	Sandbur
BRPA	paniculatus		CEPA	pauciflorus	Field sandbur
BRPO	polyanthus	Foothill brome	CHLOR	Chloris spp.	Windmillgrass
BRPO2	porteri	Nodding brome	CHVE	verticillate	Tumble windmillgrass
BRPUP	pumpellianus		CHV12	virgata	Feather windmillgrass
	pumpellianus	Pumpelly brome	CINNA	Cinna spp.	Woodseed
BRPUT	pumpellianus	Pumpelly tweedy brome	CILA	latifolia	Drooping woodseed
BRRA	ramosus	Bald brome	CYNOD	Cynodon spp.	Bermuda grass
BRRI	richardsonii	Fringed brome	CYDA	dactylon	Bermuda grass
BRRIR	rigidus		CYNOS	Cynosurus spp.	Dogtail
	rigidus	Ripgut brome	CYCR	cristatus	Crested dogtail
BRRIG	rigidus	Longarm ripgut brome	DACTY	Dactylis spp.	Orchardgrass
	gussonei		DAGL	glomerata	Orchardgrass
BRRI2	riparius		DANTH	Danthonia spp.	Danthonia
BRRU	rubens	Foxtail brome	DACAC	californica	California
BRSC	scoparius	Broom brome	DACAA	californica	danthonia
BRSE	secalinus	Chess brome		americana	Hairy californica
BRSI	sitchensis	Alaska brome	DAIN	intermedia	danthonia
BRST	stamineus	Harlan brome	DAPA2	parryi	Timber danthonia
BRST2	sterilis	Poverty brome	DASP	spicata	Parry danthonia
BRSY2	syriacus		DAUN	unispicata	Poverty danthonia
BRRET	tectorum				Onespike danthonia
	tectorum	Cheatgrass brome			
BRTEG	tectorum				
	glabratus	Cheatgrass brome			
BRTO	tomentellus	Subalpine brome			
BRTR	trinii	Chilean chess			
BRUN	unioloides	Rescue brome			
BRVU	vulgaris	Columbia brome			
BRWI	willdenowii	Rescue grass			
	(catharticus)				
CALAM	Calamagrostis spp.	Reedgrass			
CACAG	californica	Sierra reedgrass			
CACAC	canadensis	Bluejoint			
	canadensis	reedgrass			
CACAM	canadensis	Macoun bluejoint			
	macouniana	reedgrass			
CAEP	epigeios	Chee reedgrass			

GRASSES			GRASSES		
DE SCH	Deschampsia spp.	Hair-grass	ELY MU	Elymus spp. (con.)	
DE AT	atropurpurea	Mountain hair-grass	EL GLG	glaucus	Blue wildrye
DE CA	caespitosa	Tufted hair-grass	EL GLJ	glaucus	
DE DA	danthonioides	Annual hair-grass	EL JUJ	glaucus jepsoni	Jepson wildrye
DE EL	elongata	Slender hair-grass	EL JUV	junceus	Russian wildrye
DIGIT	Digitaria spp.	Crabgrass or Fingergrass	EL MO2	junceus vinall	
DI IS	ischaemum	Smooth crabgrass	EL SA2	mollis	Common dune wildrye
DISA	sanguinalis	Hairy crabgrass	EL SA	sabulosus	Sabulosa wildrye
DISTI	Distichlis spp.	Saltgrass	EL SA	salina	Salina wildrye
DIDE	dentata	Little saltgrass	EL TR	triticoides	Creeping wildrye
DISPD	spicata	Seashore saltgrass	EL PU3	pubescens	Hairyleaf creeping wildrye
DISPS	divaricata	saltgrass	EL SI3	simplex	Low creeping wildrye
	spicata	Inland saltgrass	EL VI	virginicus	Virginia wildrye
ECHI3	Echinochloa	Cockspur Barnyardgrass	EN NEA	Enneapogon spp. (Pappophorum)	Spike pappusgrass
ECCR C	crusgalli	Barnyard grass	END I	desvauxii	Spike pappusgrass
ECCR M	crusgalli	Beardless barnyardgrass	ER AGR	Eragrostis spp.	Lovegrass
ECCR Z	mitis	barnyardgrass	ERAL 3	alba	Lovegrass
	crusgalli	Alkali	ER BA	barrelieri	Mediterranean lovegrass
	zelayensis	barnyardgrass	ER CI2	cilianensis	Stinkgrass
ELEUS	Eleusine spp.	Goosegrass	ER CU	curvula	Weeping lovegrass
ELIN	indica	Goosegrass	ER DI	diffusa	Spreading lovegrass
ELY MU	Elymus spp.	Wildrye	ER HY	hypnoides	Teal lovegrass
ELAFA	affinis agrestis		ER LU	lutescens	Sixweeks lovegrass
ELAMA	ambiguus	Colorado	ER ME	megastachya	New Mexico lovegrass
	ambiguus	wildrye	ER NE	neomexicana	
ELAMS	ambiguus	Hairscale	ER OR	orcuttiana	Orcutt lovegrass
	strigosus	Colorado	ERO X	oxylepis	Carolina lovegrass
		wildrye	ER PE3	pectinacea	Indian lovegrass
ELAN 2	angustus	Alti wildrye	ER PI2	pilosa	Sand lovegrass
ELAR	arenicola	Sand wildrye	ER TR	trichodes	
ELAR 2	aristatus	Purple wildrye	FESTU	Festuca spp.	Fescue
ELCA	canadensis	Canada wildrye	FE AM	ampla	
ELCH	chinensis	Chinese wildrye	FE AR	arida	Desert fescue
ELCI	cinereus	Great Basin wildrye	FE AR 2	arizonica	Arizona fescue
ELCO	condensatus	Giant wildrye	FE AR 3	arundinacea	Reed fescue, Alta fescue
ELDA	dahuricus	Dahurian wildrye	FEDA	dasyclada	Utah fescue
ELFL	flavescens	Yellow wildrye			
ELGI	giganteus	Mammoth wildrye			

GRASSES

FESTU	Festuca spp.	(con.)
FEEL	elatior	Meadow fescue
FEGI	gigantea	Giant fescue
FEGR	grayii	
FEID	idahoensis	Idaho fescue
FEKR	kronenbergii	
FEMA	maireir	Maires fescue
FEME	megalura	Foxtail fescue
FEMY	myuros	Rattail fescue
FELOC2	occidentalis	Western fescue
FEVO	ovina ovina	Sheep fescue
FEVOB	ovina brachypylla	Alpine fescue
FEOVD	ovina duriuscula	Hard sheep fescue
FEOVS	ovina sulcata	Sulcata sheep fescue
FEPA	pacifica	Pacific fescue
FERE	reflexa	Twoflower fescue
FERUR	rubra rubra	Red fescue
FERUL	rubra lanuginosa	Hairscale red fescue
FESC	scabrella	Rough fescue
FESO	sororia	Ravine fescue
FESP	spectabilis	
FESU	subulata	Bearded fescue
FETH	thurberi	Thurber fescue
FEVI	viridula	Greenleaf fescue

GLYCE Glyceria spp.

GLBO	borealis	Mannagrass
		Northern mannagrass
GLDE	declinata	
GLEL	elata	Tall mannagrass
GLGR	grandis	American mannagrass
GLOC	occidentalis	Northwestern mannagrass
GLST	striata	Fowl mannagrass

HELIC Helictotrichon

	spp.	Alpine oat
HEMO	mortonianum	Morton alpine oat
HESP2	Hesperochloa spp.	Spikefescue
HEKI	kingii	Spikefescue

HETE2 Heteropogon

	spp.	Tanglehead
HECO3	contortus	Tanglehead

HIERO Hierochloe spp.

H1OD	odorata	Sweetgrass
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GRASSES

HILLR	Hilaria spp.	Galleta
HIBE	belangeri	Curleymesquite
HIJA	jamesii	Galleta
HIRI	rigida	Big galleta
HOLCU	Holcus spp.	Velvetgrass
HOLA	lanatus	Common velvetgrass
HORDE	Hordeum spp.	Barley
HOBR	brachyan- therum	Meadow barley
HOBU	bulbosum	Bulbous barley
HOHY	hystrix	Mediterranean barley
HOJUJ	jubatum	Foxtail barley
HOJUC	jubatum	Foxtail barley
	caespitosum	Bobtail barley
HOLE	leporinum	Rabbit barley
HOPU2	pusillum	
HOPUP	pusillum	Little barley
	pubens	
HOST	stebbinsii	Stebbins barley
HOVUVU	vulgare	Beardless barley
HOVUT	vulgare	
	trifurcatum	
IMPER	Imperata spp.	Satintail
IMBR	brevifolia	California satintail
KOELE	Koeleria spp.	Koeleria
KOCR	cristata	Prairie junegrass
KOVA	vallesiana	
LEERS	Leersia spp.	Cutgrass
LEOR	oryzoides	Rice cutgrass
LEPTO	Leptochloa spp.	Sprangletop
LEFA	fascicularis	Bearded sprangletop
LEF1	filiformis	Red sprangletop
LEUN	uminervia	Mexican sprangletop
LOLLU	Lolium spp.	Ryegrass
LOMU	multiflorum	Italian ryegrass
LOPE	perenne	Perennial ryegrass
LORE	remotum	Hardy ryegrass
LORI	rigidum	Swiss ryegrass
LOTE	temulentum	Darnel ryegrass

GRASSES			GRASSES		
LYCUR	Lycurus spp.	Wolftail	ORYZO	Oryzopsis spp.	(con.)
LYPH	phleoides	Wolftail	ORMI	micrantha	Littleseed ricegrass
MELIC	Malica spp.	Melic, oniongrass	ORMI2	miliacea	Smilograss
MEBU	bulbosa	Oniongrass	ORPA	paradoxa	
MEC12	ciliata	Silkypike melic	ORSW	swallenii	
MECU	cupani		ORWE	webberi	Webber ricegrass
MEFR	frutescens	Woody melic	PANIC	Panicum spp.	
MEFU	fugax	Little oniongrass	PABUB	bulbosus	Witchgrass
MEPO2	porteri	Porter melic	PABUM	bulbosus	Bulb panicum
MESM	smithii	Smith melic	PACAM	bulbosus	
MESP	spectabilis	Showy oniongrass	PACAM	minus	
MEST	stricta	Rock melic	PACAM	capillare	Common witchgrass
MESU	subulata	Alaska oniongrass	PADI	dichotomi- florum	Fall panicum
MUHLE	Muhlenbergia		PAFL	flexile	
	spp.	Muhly	PAHA	halii	Halls panicum
MUAN	andina	Foxtail muhly	PAHI	hirticaule	Roughstalk witchgrass
MUAR	arsenei	Navajo muhly	PAHUH	huachuciae	Huachuca panicum
MUAS	asperifolia	Alkali muhly	PAHUF	huachuciae	
MUCU	curtifolia	Utah muhly	PALE	fascicu- latum	
MUDE	depauperata	Sixweeks muhly	PAMI	lepidulum	Broomcorn millet
MUF12	filiculmis	Slimstem muhly	PAOB	miliaceum	Vine-mesquite
MUFI	filiformis	Pullup muhly	PAOC	obtusum	
MUJO	jonesii	Modoc muhly	PAPA	occidentale	Pacific panicum
MULO	longiligula	Longtongue muhly	PASC	pacificum	
MUME	mexicana	Wirestem muhly	PASW	scribneri- anum	Scribner panicum
MUMI2	microsperma	Little seed muhly	PATE	swallenii	
MUMI	minutissima	Annual muhly	PATH	tennesseense	Tennessee panicum
MUMO2	monesii	Modoc muhly	PAVI	thermale	Hotsprings panicum
MUMO	montana	Mountain muhly	PAWE	virgatum	Switchgrass
MUMO2	monticola	Mesa muhly		webberi	Webber ricegrass
MUMU	mundula	Johnson muhly	PASPA	Paspalum spp.	
MUPA	pauciflora	New Mexican muhly	PADI2	dilatatum	Dallis grass
MUPO	polycaulis	Cliff muhly	PADI3	distichum	Knotgrass
MUPO	porteri	Bush muhly	PENNI	Pennisetum spp.	
MUPU	pungens	Sandhill muhly	PEPU	purpureum	Napiergrass
MURA	racemosa	Green muhly	PHALA	Phalaris spp.	Canarygrass
MURE	repens	Red muhly	PHAQ	aquatica	
MURI	richard- sonis	Mat muhly	PHAR	arundinacea	Reed canarygrass
MUTH	thurberi	Thurber muhly	PHCA4	caroliniana	Carolina canarygrass
MUTO	torreyi	Ring muhly			
MUUT	utilis	Aparejo grass			
MUWO	wolfii	Wolf muhly			
MUWR	wrightii	Spike muhly			
MUNRO	Munroa spp.	False buffalograss			
MUSQ2	squarrosa	False buffalograss			
ORYZO	Oryzopsis spp.	Ricegrass			
ORAS	asperifolia	Roughleaf ricegrass			
ORBL	bloomeri	Bloomers ricegrass			
OREX	exigua	Little ricegrass			
ORHYH	hymenoides				
ORHYC	hymenoides contracta	Indian ricegrass			

GRASSES			GRASSES		
PHALA	Phalaris spp. (con.)		POA	Poa spp. (con.)	
PHC02	coerulescens	Sunol canarygrass	POSE	secunda	Sandberg
PHLEU	Phleum spp.	Timothy	POST	(sandbergii)	bluegrass
PHAL	alpinum	Alpine timothy	POSU	stenantha	Trinius
PHBO	boehmeri		POTR2	suksdorffii	Suksdorfs
PHIR	iranicum		POVA	trivialis	bluegrass
PHMO	montanum		POVI	vaseyochloa	Roughstal
PHNO	nodosum			violacea	bluegrass
PHPA3	paniculatum	British timothy	POLY4	Polypogon spp.	Polypogon
PHPH	phleoides	Dryland timothy	POIN3	interruptus	Ditch polypogon
PHPH	pratense	Timothy	POMO	monspeliensis	Rabbitfoot
PHRAG	Phragmites spp.	Reed	POVI3	violacea	polypogon
PHC04	communis	Common reed	PUCCI	Puccinellia spp.	Alkaligrass
POA	Poa spp.	Bluegrass	PUAI	airoides	Nuttall
POAL	alpina	Alpine bluegrass	PUDI	distans	alkaligrass
POAM	ampla	Big bluegrass	PUFA	fasciculata	Torrey
POAN3	annua	Annual bluegrass	PULE	lemmoni	alkaligrass
POAR2	arctica	Arctic bluegrass	PUPA	parishii	Lemon alkaligrass
POAR	arida	Plains bluegrass	REDFI	Redfieldia spp.	Blowoutgrass
POBI2	bigelovii	Bigelow bluegrass	REFL	flexuosa	Blowoutgrass
POBO	bolanderi	Bolander bluegrass	SCHED	Schedonnardus spp.	Tumblegrass
POBU	bulbosa	Bulbous bluegrass	SCPA	paniculatus	Tumblegrass
POCA	canbyi	Canby bluegrass	SCHIS	Schismus spp.	Arabian
POCO	compressa	Canada bluegrass	SCAR	arabicus	mediterranean-
POCU2	curta	Wasatch bluegrass	SCBA	barbatus	grass
POCU	cusickii	Cusick bluegrass			Mediterranean-
POEP	epilis	Skyline bluegrass			grass
POFE	fendleriana	Mutton bluegrass	SCHIZ	Schizachyrium spp.	
POGL2	glaucifolia	Pale leaf bluegrass		(Andropogon)	Little bluestem
POGR	gracillima	Slender bluegrass	SCSCS	scoparius	
POIN2	incurva		SCSCN	scoparius	Little bluestem
POIN	interior	Inland bluegrass		scoparius	
POJU	juncifolia	Alkali bluegrass		neomexicanus	
POLE	leibergii	Leiberg bluegrass	SCHLER	Schlerochloa spp.	
POLE2	leptocoma	Bog bluegrass		dura	Hardgrass
POLE3	lettermani	Letterman bluegrass			
POLO	longiligula	Longtongue muttongrass			
POMA	macroclada				
PONE3	nemoralis	Wood bluegrass			
PONE2	nervosa	Wheeler bluegrass			
PONE	nevadensis	Nevada bluegrass			
POPA	palustris	Fowl bluegrass			
POPA2	pattersoni	Patterson bluegrass			
POPR	pratensis	Kentucky bluegrass			
POPR2	pringlei	Pringle bluegrass			
PORE	reflexa	Nodding bluegrass			
PORU	rupicola	Timberline bluegrass			
POSC	scabrella	Pine bluegrass			

GRASSES

SCLE2	Sclereropogon spp.	Burrograss
SCBR	brevifolius	Burrograss
SCOLO	Scolochloa spp.	Rivergrass
SCFE	festucacea	Rivergrass
SECAL	Secale spp.	Rye
SEAN	antolium	
SECE	cereale	Winter rye
SEMO	montanum	Mountain rye
SETAR	Setaria spp.	Bristlegrass
SEGL	glauca	Yellow bristlegrass
SEGR	grisebachii	Grisebach bristlegrass
SEMA	macrostachya	Plains bristlegrass
SEVE2	verticillata	Hooked bristlegrass
SEVI	viridis	Green bristlegrass
SITAN	Sitanion spp.	Squirreltail
SIHA	hanseni	Hansen squirreltail
SIHO	hordeoides	
SIHYH	hystrix	Bottlebrush
SIHYC	hystrix californicum	hystrix californicum
SIJU	jubatum	Big squirreltail
SILO	longifolium	Longleaf squirreltail
SORGH	Sorghastrum spp.	Indiangrass
SONU	nutans	Yellow Indiangrass
SORG2	Sorghum spp.	Sorghum
SOHA	halepense	Johnson grass
SOSU	sudanense	Sudangrass
SOVU	vulgare	Sorghum sudangrass
SPART	Spartina spp.	Cordgrass
SPGR2	gracilis	Alkali cordgrass
SPPE	pectinata	Prairie cordgrass
SPHEN	Sphenopholis spp.	Wedgescale
SPIN2	intermedia	Slender wedgescale
SPOB	obtusata	Prairie wedgescale
SPORO	Sporobolus spp.	Dropseed
SPAIA	airoides	
SPAIW	airoides wrightii	Alkali sacaton Sacaton
SPAS	asper	Tall dropseed

GRASSES

SPORO	Sporobolus spp.	(con.)
SPCO	contractus	Spike dropseed
SPCR	cryptandrus	Sand dropseed
SPFL	flexuosus	Mesa dropseed
SPGI	giganteus	Giant dropseed
SPIN3	interruptus	Black dropseed
SPNE2	nealleyi	Gyphagrass
SPNE	neglectus	Puffsheathe dropseed
SPPU	pulvinatus	Cushion dropseed
SPTE	texanus	Texanus dropseed
STIPA	Stipa spp.	Needlegrass
STAR	arida	Mormon needlegrass
STCA	californica	Pacific needlegrass
STCO2	columbiana	Subalpine needlegrass
STCO3	comata	Needle-and-thread
STCOI	comata intermedia	
STCOC	coronata	Crested needlegrass
STCOD	coronata depauperata	Small crested needlegrass
STEL	elmeri	Elmer needlegrass
STLE2	lemmoni	Lemon needlegrass
STLE	lettermani	Letterman needlegrass
STNE	neomexicana	New Mexico feathergrass
STOC	occidentalis	Western needlegrass
STPI	pinetorum	Pinewoods needlegrass
STRO2	robusta	Sleepygrass
STSC	scribneri	Scribner needlegrass
STSP2	speciosa	Desert needlegrass
STTH	thurberiana	Thurber needlegrass
STVI	viridula	Green needlegrass
STWE	webberi	Webbers needlegrass
STWI	williamsii	Williams needlegrass
TAENI	Taeniametherum	
TACA	spp. caput -medusae	Medusahead
TORRE	Torreyochloa	Falsemannia
TOER	spp. erecta	
TOPA	pauciflora	Spike falsemannia Weak falsemannia

GRASSES

<u>TRAGU</u>	Tragus spp.	Burgrass
<u>TRBE</u>	berteronianus	Spike burgrass
<u>TRICH</u>	Trichachne spp.	Cottontop
<u>TRCA</u>	californica	Arizona cottontop
<u>TRIDE</u>	Tridens spp.	Tridens
<u>TREL</u>	elongatus	Rough tridens
<u>TRMU</u>	muticus	Slim tridens
<u>TRPI2</u>	pilosus	Hairy tridens
<u>TRPU</u>	pulchellus	Fluffgrass
<u>TRISE</u>	Trisetum spp.	Trisetum
<u>TRCA4</u>	canescens	Tall trisetum
<u>TRCE</u>	cernuum	Nodding trisetum
<u>TRMO3</u>	montanum	Rocky Mountain trisetum
<u>TRSP</u>	spicatum	Spike trisetum
<u>TRWO</u>	wolfi	Wolfs trisetum
<u>TRITI</u>	Triticum spp.	Wheat
<u>TRAE</u>	aestivum	Wheat
<u>TRDU3</u>	durum	Durum wheat
<u>VULPI</u>	Vulpia spp. (Festuca)	Sixweeks fescue
<u>VUOCO</u>	octoflora	Sixweeks fescue
<u>VUOCH</u>	octoflora	
	hirtella	
<u>VUOCT</u>	octoflora	
	tenella	
<u>ZEA</u>	Zea spp.	Corn
<u>ZEMA</u>	mays	Maize, Indian corn

GRASSLIKE PLANTS			GRASSLIKE PLANTS		
Alpha code	Scientific name	Common name	Alpha code	Scientific name	Common name
BULBO	Bulbostylis spp.		CAREX	Carex spp. (con.)	
BUCA	capillaris		CADIG	dioica	
				gynocrates	
CAREX	Carex spp.	Sedge	CADI2	disperma	Softleaved sedge
CAAB	ablate	Serrate sedge	CADO	douglasii	Douglas sedge
CAAB2	aboriginum		CADR2	drummondiana	
CAAB3	abrupta	Abruptbeak sedge	CAEB	ebenea	Ebony sedge
CAAL	albo-nigra	Black and white sedge	CAEG	egglestonii	Eggleson sedge
CAAL2	alma		CAEL	eleocharis	Needleleaf sedge
CAAM2	amplifolia	Bigleaf sedge	CAEL3	elynooides	Blackroon sedge
CAAN2	angustior	Narrowleaf sedge	CAEN	engelmannii	Engelmann sedge
CAAP	aperta		CAEP2	epapillosa	Smoothfruit sedge
CAAQ2	aquatilis	Water sedge	CAEX	exserta	Widefruit sedge
CAAR4	arapahoensis	Arapaho sedge	CAEX2	exsiccata	Shorthair sedge
CAAR2	arcta		CAFE	festivella	Columbia sedge
CAAR3	arctogena		CAFE2	feta	Ovalhead sedge
CAAT	atherodes		CAFI	filifolia	
CAAT2	athrostachya	Slenderbeak sedge	CAFI2	fissuricola	Threadhead sedge
CAAT3	atrata	Black sedge	CAFL2	flava	Yellow sedge
CAAT	atrata	Black sedge	CAFO	foenea	Silvertop sedge
	atrosquama		CAFOV	foetida	
CAATC	atrata			vernacula	
	chalciolepis		CAGA	garberi	Garber sedge
CAATE	atrata erecta		CAGE2	geophila	Dryland sedge
CAAT4	atrosquama		CAGE	geyeri	Elk sedge
CAAU2	aurea	Golden sedge	CAGY	gynocrates	Bog sedge
CABA	backii		CAHA	hallii	Hall sedge
CABE2	bebpii	Beautiful sedge	CAHA2	hassei	
CABE3	bella	Showy sedge	CAHA3	haydeniana	Cloud sedge
CABI	bigelowii	Bigelow sedge	CAHE3	heliosphaila	Sun sedge
CABI2	bipartita		CAHE4	helleri	
CABO	bolanderi	Bolander sedge	CAHE5	hepburnii	Hepburn sedge
CABR2	brevior		CAHE6	heteroneura	
CABR3	brevipes	Shortstemmed sedge	CAHO2	hoodii	Hood sedge
			CAHO3	hookerana	Hooker sedge
CABR5	breweri		CAHY	hystrichiana	Bottlebrush sedge
CABR4	brunnescens	Brownish sedge	CAID	idahoa	
CABU3	buxbaumii	Buxbaum sedge	CAIL	illota	Sheep sedge
CACA2	californica	California sedge	CAIN3	integra	Smoothbeak sedge
CACA3	canescens	Pale sedge	CAIN4	interior	Inland sedge
CACA4	capillaris	Hairlike sedge	CAJE	jepsonii	Jones sedge
CACAS5	capitata		CAJO	jonesii	Kellogg sedge
CACH	chalciolepis		CAKE2	kelloggii	Smoothstem sedge
CACO2	comosa		CALA	laeviculmis	Woolly sedge
CACO3	concinnoidea	Northwestern sedge	CALA2	lanuginosa	Woolfruit sedge
			CALA3	lasiocarpa	
CACR3	crawei		CALE7	lenticularis	
CACR2	crawfordii	Crawford sedge	CALE4	leporinella	Sierrahare sedge
CACU	cusickii	Cusick sedge	CALE5	leptalea	Bristlestalked sedge
CADE	deweyana	Dewey sedge	CALE6	leptopoda	Shortscale sedge
CADI	diandra	Lesserpanicked sedge	CALI4	limnophila	

## GRASSLIKE PLANTS

CAREX	Carex spp. (con.)
CALI3	limosa Mud sedge
CALI2	livida Livid sedge
CALU	luzulaefolia
CALU2	luzulina Wingseed sedge
CAMA	mariposiana
CAME	media
CAMI	microptera Smallwing sedge
CAMI3	misandra Shortleafed sedge
CAMI4	miserabilis
CAMO3	montanensis Montana sedge
CAMU	multicaulis
CAMU2	multicostata Manyrib sedge
CAMU3	muricata
CANA	nardina
CANE2	nebraskensis Nebraska sedge
CANE3	nelsonii
CANE4	nervina
CANES	neuropora Alpinenerved sedge
CANI2	nigricans Black alpine sedge
CANO2	norvegica
CANO	nova
CAOB	obtusata Obtuse sedge
CAOC2	occidentalis Western sedge
CADEV	oederi
	viridula
CAPAS5	pachysta- Chamisso sedge
	chya
CAPA7	parryana
CAPA6	paupercula
CAPA8	pausonis
CAPE2	pelocarpa
CAPE3	perglabosa Mt. Baldy sedge
CAPE	petasata Liddon sedge
CAPH	phaeocephalia Dunhead sedge
CAPH2	physocarpa
CAPI	pityophila
CAPL	platylepis
CAPO	podocarpa Shortstalk sedge
CAPR2	praeceptorum
CAPR	praegracilis Silver sedge
CAPR3	praticola Meadow sedge
CAPR4	preslia Presl sedge
CAPRS	proposita
CAPS	pseudo- scirpoidea
CAPY	pyrenaica Pyrenean sedge
CARA2	raynoldsii Raynolds sedge
CARE	retrorsa Knotsheath sedge
CARO	rossii Ross sedge
CARO4	rostrata Beaked sedge
CARU3	rupestris Rock sedge
CARU2	rusbyi Rusby sedge
CASA2	saximontana Rocky Mountain sedge
CASA3	saxatilis
CASAC	scirpoidea curatorum

## GRASSLIKE PLANTS

CAREX	Carex spp. (con.)
CASAP	scirpoidea
	pseudo-
	scirpoidea
CASAS	scirpoidea
	stenochlæna
CASC3	scopulorum
CASH	sheldonii
CASI3	siccata
CASI	simulata
CASI2	sitchensis
CASP	specifica
CASP2	spectabilis
CAST4	stenophylla
CAST2	stipata
CAST3	straminiformis
CASU3	subfuscă
CASU2	subnigricans
CATE	teneraeformis
CATO	tolmiei
CATR2	tracyi
CAVA	vallicola
CAVE2	vernacula
CAVE3	vesicaria
CAVI	viridula
CAVU	vulpinoidea
CAXE	xerantica
CLADI	Cladium spp.
CLMAC	mariscus var. californicum
CYPER	Cyperus spp.
CYAC2	acuminatus
CYAR	aristatus
CYER	erythrorhizos
CYES	esculentus
CYFE2	fendlerianus
CYNI2	niger
ELEOC	Eleocharis spp.
ELAC	acicularis
ELAC2	acuminata
ELAT	atropurpurea
ELBE	bella
ELBO	bolanderi
ELEN	engelmannii
ELFI2	flaccida
ELMA	macrostachya
ELMO	montevidensis

GRASSLIKE PLANTS

ELEOC	<i>Eleocharis</i> spp. (con.)	
ELPA	<i>parishii</i>	Dwarf
ELPA2	<i>parvula</i>	spikerush
ELPA3	<i>pauciflora</i>	Fewflowered
		spikerush
ELRA	<i>radicans</i>	Beaked
ELRO	<i>rostellata</i>	spikerush
ERIOP	<i>Eriophorum</i> spp.	Cotton-sedge
ERAL4	<i>altaicum</i>	
ERAN2	<i>angustifolium</i>	Narrowleaf
		cotton-sedge
ERCH3	<i>chamissonis</i>	Chamiss
		cotton-sedge
ERGR	<i>gracile</i>	Slender
		cotton-sedge
FIMBR	<i>Fimbristylis</i> spp.	
FISP	<i>spadicea</i>	
HEMIC	<i>Hemicarpha</i> spp.	
HEMI2	<i>mirantha</i>	
JUNCU	<i>Juncus</i> spp.	Rush, wiregrass
JUAB	<i>abjectus</i>	
JUAC	<i>acuminatus</i>	Tapertip rush
JUAC2	<i>acutus</i>	
JUAL	<i>albescens</i>	
JUAL2	<i>alpinus</i>	Alpine rush
JUAR	<i>articulatus</i>	
JUBA2	<i>badius</i>	
JUBA	<i>balticus</i>	Baltic rush.
JUBR	<i>bryoides</i>	
JUBU	<i>bufonius</i>	Toad rush
JUCA	<i>castaneus</i>	
JUCH	<i>chlorocephalus</i>	
JUCO	<i>columbianus</i>	Columbian
		rush
JUCO2	<i>confusus</i>	Colorado rush
JUCO3	<i>cooperi</i>	Cooper rush
JUDR	<i>drummondii</i>	Drummond rush
JUEF	<i>effusus</i>	Common rush
JIEN	<i>ensifolius</i>	Swordleaf rush
JUFI	<i>filiformis</i>	Thread rush
JUGE	<i>gerardi</i>	Saltmeadow
		rush
JUHA	<i>hallii</i>	Halls rush
JUHE	<i>hemiendytus</i>	
JUIN	<i>interior</i>	Inland rush
JUJO	<i>jonesii</i>	
JKUE	<i>kelloggii</i>	
JULO	<i>longistylis</i>	Longstyle
		rush
JUME	<i>mertensianus</i>	Mertens rush
JUME2	<i>mexicanus</i>	
JUNE	<i>nevadensis</i>	Nevada rush
JUNO	<i>nodosus</i>	Jointed rush

GRASSLIKE PLANTS

JUNCU	<i>Juncus</i> spp. (con.)	
JUOR	<i>orthophyllus</i>	Straightleaf
		rush
JUPA	<i>parryi</i>	Parry rush
JURE	<i>regelii</i>	Regel rush
JUSA	<i>saximontanus</i>	Rocky Mountain
		rush
JUSP	<i>sphaerocarpus</i>	
JUTE	<i>tenuis</i>	Poverty rush
JUTO	<i>torreyi</i>	Torrey rush
JUTR	<i>tracyi</i>	Tracy rush
JUTW	<i>tweedyi</i>	
JUUN	<i>uncialis</i>	
JUVA	<i>vaseyi</i>	Vasey rush
JUXI	<i>xiphioides</i>	
KOBRE	<i>Kobresia</i> spp.	
KOBE	<i>bellardi</i>	<i>Kobresia</i>
LULZU	<i>Luzula</i> spp.	Woodrush
LUDI	<i>divaricata</i>	Forked woodrush
LUGL	<i>glabrata</i>	Smooth woodrush
LUIN2	<i>intermedia</i>	Hairy woodrush
LUOR	<i>oresteria</i>	
LUPA	<i>parviflora</i>	Millet woodrush
LUSP2	<i>spicata</i>	Spike woodrush
LUSU2	<i>subcongesta</i>	Donner woodrush
LUWA	<i>wahlenbergii</i>	Wahlenberg
		woodrush
SCHOE	<i>Schoenus</i> spp.	
SCNI	<i>nigricans</i>	
SCIRP	<i>Scirpus</i> spp.	Bulrush
SCAC	<i>acutus</i>	Tule bulrush
SCAM	<i>americanus</i>	American
		bulrush
SCAT	<i>atrovirens</i>	Green bulrush
SCCA	<i>caespitosus</i>	Deerhair
		bulrush
SCCR	<i>criniger</i>	
SCFL	<i>fluvialis</i>	River bulrush
SCMI	<i>microcarpus</i>	Panicled
		bulrush
SCNE	<i>nevadensis</i>	Nevada bulrush
SCOL	<i>olneyi</i>	Olney bulrush
SCPA3	<i>pallidus</i>	
SCPA4	<i>paludosus</i>	Alkali bulrush
SCRU	<i>rubrotinctus</i>	Redstem bulrush
SCSU	<i>supinus</i>	Hall bulrush
SCVA	<i>validus</i>	Softstem
		bulrush
SPARG	<i>Sparganium</i> spp.	Burreed
SPAN	<i>angustifolium</i>	Narrowleaf
		burreed
SPEU	<i>eurycarpum</i>	Giant burreed
SPMI	<i>minimum</i>	Least burreed
SPMU2	<i>multipedunculatum</i>	

## FORBS

<u>Alpha code</u>	<u>Scientific name</u>	<u>Common name</u>	<u>Alpha code</u>	<u>Scientific name</u>	<u>Common name</u>
ABRN	Abronia spp.	Sandverbena	ADONI	Adonis spp.	Adonis
ABCR	crux-maltae		ADAN	annua	Pheasanteye
ABCY	cycloptera				adonis
ABEL	elliptica	Pink sandverbena	ADOXA	Adoxa spp.	Muskroot
ABFR	fragrans	Snowball sandverbena	ADM0	moschatellina	Muskroot
APLA2	latifolia	Yellow sandverbena	AEGOP	Aegopodium spp.	
ABME	mellifera		AEPO	podagraria	Bishop's weed
ABMI	micranthus	Sandpuffs	AEPOV	podagraria variegatum	Flo white
ABNA	nana	Dwarf sandverbena	AGAST	Agastache spp.	Gianthyssop
ABOR	orbiculata		AGCU	cusickii	Cusick gianthyssop
ABPO	pogonantha	Bearded sandverbena	AGPA2	pallidiflora	Pale gianthyssop
ABPU	pumila		AGURG	urticifolia	Nettleleaf gianthyssop
ABSA	salsa			glaucifolia	
ABTU	turbinata	Transmontane sandverbena	AGOSE	Agoseris spp.	Agoseris
ABUM	umbellata	Pink sandverbena	AGAU	aurantiaca	Orange agoseris
ABVI	villosa	Desert sandverbena	AGGL	glauca	Pale agoseris
ABWO	wootonii		AGGR	grandiflora	Bigflower agoseris
ACANT	Acanthochiton spp.	Hopiweed	AGHE	heterophylla	Annual agoseris
ACWR	wrightii	Wright hopiweed	AGRE	Retrorsa	Spearleaf agoseris
ACHIL	Achillea spp.	Yarrow	AGROS	Agrostemma spp.	Corncockle
ACCH	chrysanthemum		AGGI	githago	Common corncockle
ACDE	dentifera		ALETE	Aletes spp.	
ACMID	millefolium		ALMA	macdougalii	
	delwayi		ALISM	Alisma spp.	Waterplantain
ACMIL	millefolium lanulosa	Western yarrow	ALGE	geyeri	Geyer waterplantain
ACPT	ptarmica	Sneezewort yarrow	ALTR	triviale	American waterplantain
ACHYR	Achyronychia spp.		ALLIO	Allionia spp.	Allionia
ACCO2	cooperi		ALCH	choisyi	
ACONI	Aconitum spp.	Monkshood	ALIN	incarnata	Trailing allionia
ACCO	columbianum	Columbia monkshood	ALLIU	Allium spp.	Wild onion
ACTAE	Actaea spp.	Baneberry	ALAA	aaseae	
ACRU	rubra	Red baneberry	ALAC	acuminatum	Tapertip onion
	(Actinea spp.--see Hymenoxys)		ALAN	anceps	Twin onion
ADENO	Adenocaulon spp.	Trail plant	ALAT	atrorubens	
ADBI	bicolor	American trail plant	ALBI	bigelovii	Bigelow onion
ADIAN	Adiantum spp.	Maidenhair	ALBIZ	bisceptrum	Twinstrest onion
ADCA	capillus-veneris	Southern maidenhair	ALBR	brandegei	Brandegee onion
ADPEA	pedatum aleuticum		ALBR2	brevistylum	Shortstyle onion
			ALCA2	campanulatum	Sierra onion
			ALCE	cernuum	Nodding onion
			ALCY	cyrilli	
			ALFI	fibrillum	Blue mountain onion
			ALGE2	geyeri	Geyer onion

FORBS			FORBS		
ALLIU	Allium spp. (con.)		AMBRO	Ambrosia spp. (con.)	
ALLE	lemonii	Lemmons onion	AMDI	discolor	Skeleton leaf bur-sage
ALMA2	macropetalum	Large flowered onion	AMLI	linearis	
ALMA3	macrum	Rock onion	AMPS	psilostachya	Western ragweed
ALMA4	madidum	Swamp onion	AMTR	trifida	Giant ragweed
ALNE	nevadensis	Nevada onion	AMMAN	Ammannia spp.	Ammannia
ALPA	palmeri	Palmer onion	AMCO	coccinea	Purple ammannia
ALPA2	parvum	Small onion	AMSIN	Amsinckia spp.	Fiddleneck
ALPL	platycaulis	Flatstem onion	AMIN	intermedia	Fireweed fiddleneck
ALPU	punctum	Punctate onion	AMLY	lycopsoides	Tarweed fiddleneck
ALRO	robbinsonii	Robinson onion	AMME	menziesii	Menzies fiddleneck
ALRU	rubrum		AMRE	retrorsa	Rough fiddleneck
ALSC	schoenoprasum	Chive	AMTE	tessellata	Western fiddleneck
ALSI	simillimum		AMVE	vernicosa	Vernal fiddleneck
ALTE2	textile	Textile onion	AMSON	Amsonia spp.	Amsonia
ALTO	tolmiei	Tolmie onion	AMBR	brefolia	
ALTR2	tribracteatum	Threebract onion	AMEA	eastwoodiana	Eastwood amsonia
ALVA	validum	Pacific onion	AMJO	jonesii	
ALLOT	Allotropa spp.		AMTO2	tomentosa	
ALVI	virgata	Candystick	ANAGA	Anagallis spp.	Pimpernel
ALTHA	Althaea spp.	Hollyhock	ANAR	arvensis	Scarlet pimpernel
ALAR2	armeniaca		ANAPH	Anaphalis spp.	Pearl everlasting
ALCA4	cannabina		ANMA	margaritacea	Common pearl- everlasting
ALLU	ludwigii		ANCHU	Anchusa spp.	Bugloss
ALNA	narbonensis		ANAZ	azurea	Italian bugloss
ALRO2	rosea	Hollyhock	ANOF	officinalis	Common bugloss
ALTA	tarvinensis		ANDR2	Androsace spp.	Rockjasmine
ALYSS	Alyssum spp.	Alyssum	ANCA	carinata	
ALAL2	alyssoides	Pale alyssum	ANFI	filiformis	Slender rockjasmine
ALDE	desertorum		ANOC	occidentalis	Western rockjasmine
ALMI	mimus		ANSE	septen- trionalis	Pygmy rockjasmine
ALSZ	szowitsianum		ANDR3	Androstephium spp.	
AMARA	Amaranthus spp.	Amaranth or Pigweed	ANBR	breviflorum	Funnellily Purple funnellily
AMAL2	albus	Tumble pigweed	ANELS	Anelsonia spp.	Daggerpod
AMAR	arenicola		ANCU	curycarpa	
AMCA	californicus	California amaranth			
AMCR	cruentus				
AMFI	fimbriatus				
AMGR	graeacizans	Tumbleweed amaranth			
AMHY	hybridus	Slim amaranth			
AMLE	leucocarpus	Love-lies- bleeding			
AMPA	palmeri	Palmer amaranth			
AMPO	powellii	Powell amaranth			
AMPU	pubescens				
AMRE2	retroflexus	Redroot amaranth			
AMTO	torreyi				
AMWR	wrightii	Wright amaranth			
AMBRO	Ambrosia spp. (Franseria)	Ragweed			
AMAC	acanthicarpa				
AMAR2	artemisifolia	Common ragweed			

FORBS			FORBS		
<u>ANEMO</u>	Anemone spp.	Anemone	<u>ANTHE</u>	Anthemis spp. (con.)	
<u>ANCY</u>	cyclindrica	Candle anemone	<u>ANTI</u>	tinctoria	Golden camomile
<u>ANDR</u>	drummondii	Drummond anemone	<u>ANTH2</u>	Anthericum spp. Anthericum	
<u>ANMU</u>	multifida	Argentine anemone	<u>ANTO</u>	torreyi	Torrey anthericum
<u>ANPA</u>	parviflora	Arctic anemone	<u>ANTHY</u>	Anthyllis spp. Anthyllis	
<u>ANPA2</u>	patens	Spreading pasque-flower	<u>ANCO3</u>	cornicina	
<u>ANZE</u>	zephyra	Narcissus anemone	<u>ANCY2</u>	cytisoidem	
<u>ANEM2</u>	Anemopsis spp.	Yerba-mansa	<u>ANLO</u>	lotoides	
<u>ANCA2</u>	californica	Yerba-mansa	<u>ANVU</u>	vulneraria	Kidneyvetch anthyllis
<u>ANETH</u>	Anethum spp.		<u>ANTIR</u>	Antirrhinum spp. Snapdragon	
<u>ANGR</u>	graveolens	Dill	<u>ANFI2</u>	filipes	
<u>ANGEL</u>	Angelica spp.	Angelica	<u>ANKI2</u>	Kingii	King snapdragon
<u>ANAM</u>	ampla	Giant angelica	<u>APARG</u>	Apargidium spp. Apargidium	
<u>ANAR2</u>	arguta	Sharptooth angelica	<u>APBO</u>	boreale	Common apargidium
<u>ANBR2</u>	breweri	Brewer angelica	<u>APHYL</u>	Aphyllanthes spp.	
<u>ANKI</u>	kingii	King angelica	<u>APMO</u>	monspeliensis	
<u>ANLI</u>	lineariloba	Narrowleaf angelica	<u>APIUM</u>	Apium spp. Celery	
<u>ANPI</u>	pinnata	Small-leaf angelica	<u>APGR</u>	graveolens Wild celery	
<u>ANRO2</u>	roseana	Rose angelica	<u>APOCY</u>	Apocynum spp. Dogbane	
<u>ANWH</u>	wheeleri	Wheeler angelica	<u>APANP</u>	androsaemifolium	
<u>ANISO</u>	Anisocoma spp.		<u>APCA</u>	pumilum	Spreading dogbane
<u>ANAC</u>	acaulis		<u>APME</u>	cannabinum	Hemp dogbane
<u>ANTEN</u>	Antennaria spp.	Pussytoes	<u>APSI</u>	medium	Intermediate dogbane
<u>ANAL</u>	alpina	Alpine pussytoes	<u>AQUIL</u>	sibiricum	Prairie dogbane
<u>ANAN</u>	anaphaloides	Pearly pussytoes	<u>AQBA</u>	Aquilegia spp. Columbine	
<u>ANAR3</u>	arcuata		<u>AQBA</u>	barnebeyi	Yellow oil shale columbine
<u>ANAR4</u>	argentea		<u>AQCH</u>	chrysantha	Golden columbine
<u>ANCO</u>	corymbosa	Plains pussytoes	<u>AQCO</u>	coerulea	Colorado columbine
<u>ANDI2</u>	dimorpha	Low pussytoes	<u>AQDE</u>	desertorum	
<u>ANFL</u>	flagellaris		<u>AQEL</u>	elegantula	Westernred columbine
<u>ANGE2</u>	geyeri	Pinewoods pussytoes	<u>AQFL</u>	flavescens	Yellow columbine
<u>ANLA</u>	lanata	Woolly pussytoes	<u>AQFOF</u>	formosa	
<u>ANLU</u>	luzuloides	Rush pussytoes	<u>AQFOT</u>	formosa	Sitka columbine
<u>ANNE</u>	neglecta	Field pussytoes	<u>AQMI</u>	truncata	
<u>ANPA3</u>	parvifolia	Littleleaf pussytoes	<u>AQSC</u>	micrantha	California columbine
<u>ANPU</u>	pulcherrima	Showy pussytoes	<u>AQSH</u>	scopulorum	White oil shale columbine
<u>ANRA</u>	racemosa	Raceme pussytoes		shockleyi	Utah columbine
<u>ANRO</u>	rosea	Rose pussytoes	<u>ARABI</u>	Arabis spp. Rockcress	
<u>ANRO3</u>	rosulata		<u>ARCO4</u>	cobrensis	Silver rockcress
<u>ANST</u>	stenophylla	Narrowleaf pussytoes	<u>ARDA</u>	davidsonii	
<u>ANUM</u>	umbrinella	Umber pussytoes			
<u>ANTHE</u>	Anthemis spp.	Camomile; dogfennel			
<u>ANCO2</u>	cotula	Mayweed camomile			

FORBS

ARABI	Arabis spp. (con.)	
ARDE	demissa	
ARDI2	divaricarpa	Spreading rockcress
ARDR2	drummondii	Drummond rockcress
ARFE4	fendleri	Fendler rockcress
ARFE	fernaldiana	
ARGL2	glabra	Towermustard rockcress
ARHI	hirsuta	Hairy rockcress
ARHO	holboellii	Holboell rockcress
ARIN	inyoensis	
ARLE	lemonni	Lemons rockcress
ARLI	lignifera	Woody rockcress
ARLY	lyallii	Lyall rockcress
ARMI3	microphylla	Littleleaf rockcress
ARNU	nuttallii	Nuttall rockcress
ARPE	pendulina	
ARPE2	perennans	
ARPL	platysperma	Pioneer rockcress
ARPU3	puberula	Hoary rockcress
ARPU2	pulchra	Beauty rockcress
ARRE	repanda	
ARSC	schistacea	
ARSE	selbyi	
ARSH	shockleyi	
ARSP2	sparsiflora	Sicklepod rockcress
ARSU	suffrutescens	Woody rockcress
ARALI	Aralia spp.	Aralia
ARNU2	nudicaulis	Wildsarsaparilla
ARRA	racemosa	American spikenard
ARCEU	Arceuthobium spp.	Dwarf mistletoe
ARAM	americanum	American dwarf mistletoe
ARCA	campylopodium	Western dwarf mistletoe
ARCY	cyanocarpum	
ARDI3	divaricatum	
ARDO	douglasii	Douglas dwarf mistletoe
ARVA	vaginatum	
ARCTI	Arctium spp.	Burdock
ARMI2	minus	Smaller burdock
ARCTO	Arctomecon spp.	Bear poppy
ARCA2	californica	
ARHU	humilis	

FORBS

ARCTO	Artomecon spp. (con.)	
ARME	merriami	Desert bear poppy
ARENA	Arenaria spp.	Sandwort
ARAB	aberrans	
ARAC	aculeata	Prickly sandwort
ARCA3	capillaris	Fescue sandwort
ARC02	congesta	Ballhead sandwort
AREA	eastwoodiae	
ARFE3	fendleri	Fendler sandwort
ARFI2	filiorum	
ARFR2	franklinii	Franklin sandwort
ARHO2	hookeri	Hooker sandwort
ARKI	kingii	Kings sandwort
ARLA	lanuginosa	
ARLA2	lateriflora	Bluntleaf sandwort
ARMA	macradenia	
ARNU3	nutallii	Nuttall sandwort
AROB	obtusiloba	Twinflower sandwort
ARRU	rubella	
ARSE2	serpylli-folia	Thymeleaf sandwort
ARST	stenomeres	
ARGEM	Argemone spp.	Prickly poppy
ARAR	arizonica	
ARCO3	corymbosa	
ARMU	munita	Hedgehog (hispida) prickly poppy
ARPO	polyanthemos	
ARGYT	Argythamnia spp.	Silverbush
ARNE2	neomexicana	
ARGYR	Argyrolobium spp.	
ARLI2	linnaeum	
ARNIC	Arnica spp.	Arnica
ARAM2	amplexicaulis	Clasping arnica
ARCH	chamissonis	Chamisso arnica
ARCO	cordifolia	Heartleaf arnica
ARDI2	diversifolia	Sticky arnica
ARFU	fulgens	Orange arnica
ARLA3	latifolia	Broadleaf arnica
ARLO2	longifolia	Longleaf arnica
ARMO	mollis	Hairy arnica
ARNE3	nevadensis	Nevada arnica
ARPA3	paniculata	
ARPA4	parryi	Rayless arnica
ARRY	rydbergii	Rydberg arnica
ARSO	sororia	

FORBS			FORBS		
<u>ARTEM</u>	<i>Artemisia</i> spp.	Sagebrush; wormwood	<u>ASPER</u>	<i>Asperugo</i> spp.	Catchweed, madwort
ARAB3	<i>absinthium</i>	Common wormwood	ASPR	<i>procumbens</i>	
ARAN	<i>annua</i>	Sweet wormwood	ASPLE	<i>Asplenium</i> spp.	Spleenwort
ARBI2	<i>biennis</i>	Biennial wormwood	ASADN	<i>adiantum</i>	
ARDR	<i>dracunculus</i> ( <i>dracunculoides</i> )	Tarragon	ASSE	<i>nigrum</i>	
ARLUL	<i>ludoviciana</i>	Louisiana sagebrush	ASTR	<i>septentrio-</i>	Grassleaf spleenwort
ARLUA	<i>ludoviciana</i>			<i>trichomanes</i>	Maidenhair spleenwort
	<i>ludoviciana</i>		ASVI	<i>viride</i>	Green spleenwort
ARLUI	<i>ludoviciana</i>		<u>ASTER</u>	<i>Aster</i> spp.	Aster
	<i>ludoviciana</i>		ASAL	<i>alpinus</i>	
	<i>incompta</i>	Mountain sagebrush	ASAR6	<i>arenosus</i>	Small flower aster
ARLU2	<i>ludoviciana</i>		ASBR	<i>brachyactis</i>	
	<i>ludoviciana</i>		ASCA4	<i>campestris</i>	Meadow aster
	<i>latiloba</i>		ASCHA	<i>chilensis</i>	
ARLUM	<i>ludoviciana</i>			<i>ascendens</i>	Pacific aster
	<i>mexicana</i>	Mexican sagebrush	ASEA	<i>eatonii</i>	Eatons aster
ARMI	<i>michaixiana</i>	Michaux sagebrush	ASEN	<i>engelmannii</i>	Engelmann aster
ARNOS	<i>norvegica</i>		ASER4	<i>ericoides</i>	Heath aster
	<i>saxatilis</i>		ASFO	<i>foliaceus</i>	Alpine leafybract aster
ARSC2	<i>scopulorum</i>	Alpine sagebrush	ASFR	<i>frondosus</i>	Leafy aster
ARST2	<i>stelleriana</i>	Beach wormwood	ASGL	<i>glaucodes</i>	Blueleaf aster
ASCLE	<i>Asclepias</i> spp.	Milkweed	ASHE	<i>hesperius</i>	Siskiyou aster
ASAS	<i>asperula</i>		ASIN	<i>integerrifolius</i>	Thickstem aster
ASC05	<i>cordifolia</i>	Heartleaf milkweed	ASIN4	<i>intricatus</i>	
ASCR	<i>cryptoceras</i>	Pallid milkweed	ASLA2	<i>laevis</i>	Smooth aster
ASCU	<i>cutleri</i>		ASOC	<i>occidentalis</i>	Western aster
ASEN2	<i>engelmanniana</i>	Engelmann milkweed	ASPA	<i>pansus</i>	Manyflowered aster
ASER	<i>eriocarpa</i>	Woollypod milkweed	ASPA2	<i>pauciflorus</i>	Fewhead aster
ASER2	<i>erosa</i>	Desert milkweed	ASPE	<i>perelegans</i>	Nuttall aster
ASFA	<i>fascicularis</i>	Mexican milkweed	ASRU3	<i>rubrotinctus</i>	
ASHA	<i>hallii</i>	Halls milkweed	ASSC	<i>scopulorum</i>	Crag aster
ASN3	<i>incarnata</i>	swamp milkweed	ASSI	<i>sibericus</i>	Siberian aster
ASN2	<i>inbolucrata</i>	Dwarf milkweed	ASSP2	<i>spinulosus</i>	Devilweed aster
ASIA	<i>labiformis</i>		ASST	<i>stenomeres</i>	Northwest aster
ASMA	<i>macrosperma</i>		ASWA	<i>wasatchensis</i>	
ASRU	<i>rusbyi</i>		<u>ASTRAGAL</u>	<i>Astragalus</i> spp.	Locoweed, milkvetch, poisonweed
ASRU2	<i>ruthiae</i>		ASAC	<i>acutirostris</i>	Sharpeeled milkvetch
ASSP	<i>speciosa</i>	Showy milkweed	ASAD	<i>adanus</i>	Boise milkvetch
ASSU	<i>subulata</i>	Skeleton milkweed	ASAE	<i>aequalis</i>	Purple milkvetch
ASSU2	<i>subverticillata</i>	Horsetail milkweed	ASAL2	<i>allochrous</i>	Halfmoon locoweed
ASTU	<i>tuberosa</i>	Butterfly milkweed	ASAL3	<i>alpinus</i>	Alpine milkvetch
			ASAL4	<i>alvodensis</i>	Alvord milkvetch
			ASAM3	<i>amblytropis</i>	Challis milkvetch
			ASAMA	<i>amnisi-amissi</i>	Lost river milkvetch
ASPAR	<i>Asparagus</i> spp.	Asparagus	ASAM	<i>amphioxys</i>	Crescent milkvetch
ASOF	<i>officinalis</i>	Garden asparagus			

FORBSFORBS

ASTRA	Astragalus spp. (con.)		ASTRA	Astragalus spp. (con.)	
ASAM2	ampullarius	Gumbo milkvetch	ASC03	collinus	Hill milkvetch
ASAN	andersonii	Anderson milkvetch	ASC04	coltoni	Colton locoweed
ASAR	aretioides	Cushion milkvetch	ASCO	convallarius	Timber poisonvetch
ASAR2	argophyllis	Silverleafed milkvetch	ASC06	cottamii	Cottam milkvetch
ASAR3	armeniacus		ASCR4	crassicarpus	Groundplum milkvetch
ASAR4	arrectus		ASCR2	cremophylax	Sentry milkvetch
ASAR5	arthuri	Waha milkvetch	ASCR3	cronquistii	Cronquist milkvetch
ASAS2	asclepiadooides	Milkweed milkvetch	ASCU2	curvicarpus	Curvepod locoweed
ASAT	atratus	Mourning milkvetch	ASCU3	cusickii	Cusick milkvetch
ASAU2	austinae		ASCY	cymboides	Canoe milkvetch
ASAU	australis		ASDE	desperatus	Rimrock milkvetch
ASBA	barnebyi	Barneby milkvetch	ASDE3	desereticus	Indianola milkvetch
ASBE	Beckwithii	Beckwith milkvetch	ASDE2	detritalis	Debris milkvetch
ASBE2	bernardinus	San Bernardino milkvetch	ASDI2	didymocarpus	Two-seeded milkvetch
ASBI	bigelovii	Bigelow milkvetch	ASDI	diversifolius	Meadow milkvetch
ASBI2	bisulcatus	Twogrooved locoweed	ASDR	drummondii	Drummond milkvetch
ASBO	bodini	Bodin milkvetch	ASDU	duchesnensis	Duschesne milkvetch
ASB02	boeticus		ASEA2	eastwoodiae	Eastwood milkvetch
ASBR2	brandegei	Brandgee milkvetch	ASEM	emoryanus	Emory milkvetch
ASBR3	bryantii	Bryant milkvetch	ASEP	episcopus	Bishop milkvetch
ASCA2	californicus	California milkvetch	ASER3	eremiticus	Hermit milkvetch
ASCA3	callithrix	Callaway milkvetch	ASEU2	eucosmus	Elegant milkvetch
ASCA	calycosus	Torrey milkvetch	ASEU	eurekensis	Eureka milkvetch
ASCA5	camptopus	Bruneau milkvetch	ASFA2	falcatus	Sicklepod milkvetch
ASCA6	canadensis	Canada milkvetch	ASFI	filipes	Snakeriver plains milkvetch
ASCA7	(mortoni)		ASF1	(stenophyllus)	
ASCA8	canovirens		ASFL	flavus	
ASCA9	caryocarpus		ASFL2	flexuosus	Flexile milkvetch
ASCA10	casei	Case milkvetch	ASFU	fucatus	Yellow milkvetch
	castanae-formis	Chestnut milkvetch	ASGA	galeiformis	
ASCE	ceramicus	Painted milkvetch	ASGE	geyeri	Geyer milkvetch
ASCH	chamaeleuce	Cicada milkvetch	ASGI	gibbsii	Gibbs milkvetch
ASCH2	chamae-meniscus	Groundcrescent milkvetch	ASGL2	globiceps	
ASCH3	chinensis	China milkvetch	ASHA2	hamiltonii	Hamilton milkvetch
ASCH4	chlodes	Grass milkvetch	ASHA3	hamosus	
ASCI	cibarius	Silky milkvetch	ASHA4	harrisonii	Harrison milkvetch
ASCI2	cicer	Chickpea milkvetch	ASHO	hornii	Horn locoweed
ASCO2	coccineus	Scarlet milkvetch	ASHO2	howellii	Howell milkvetch

FORBS

ASTRA	Astragalus spp.	(con.)
ASHU	humistratus	Groundcover milkvetch
ASIN5	inflexus	Bent milkvetch
ASIN6	inversus	Lavabeds milkvetch
ASIN7	inyoensis	Inyo milkvetch
ASIO	iodanthus	Humboldt river milkvetch
ASIO2	iodopetalus	Violet milkvetch
ASIS	iselyi	Iseley milkvetch
ASJE	jejunus	Starveling milkvetch
ASKE	kentrophyta	
ASLA3	lancearius	Lancer milkvetch
ASLA4	layneae	Layne milkvetch
ASLE	lemonii	Lemon milkvetch
ASLE2	lentiginosus	Specklepod locoweed
ASLI	limnocharis	Cedarbreaks milkvetch
ASKI2	loanus	Loa milkvetch
ASLO	lonchocarpus	Rushy milkvetch
ASLU	lutosus	Dragon milkvetch
ASLY	lyallii	Lyall milkvetch
ASMA2	malacus	Shaggy milkvetch
ASMA4	malacoides	Kaiparowits milkvetch
ASMA3	marianus	Sevier milkvetch
ASME	megacarpus	Great bladderry milkvetch
ASME2	mexicanus	
ASMI	minthorniae	Minthorn milkvetch
ASMI2	miser	Weedy milkvetch
ASMI3	missouriensis	Missouri milkvetch
ASMO	moencoppensis	Moenkopi milkvetch
ASMO2	mohavensis	Mohave milkvetch
ASMOS5	mokiensis	Mokiah milkvetch
ASM06	mollissimus	Woolly milkvetch
ASM03	monoensis	Mono milkvetch
ASM04	monumentalis	Monument valley milkvetch
ASMU	mulfordiae	Mulford milkvetch
ASMU2	musiniensis	Musinea milkvetch
ASNA	naturitensis	Naturita milkvetch
ASNE2	nelsonianus	
ASNE	newberry	Newberry milkvetch
ASNI	nidularius	Birdnest milkvetch
ASNU	nudisiliquus	Cobblestone milkvetch

FORBS

ASTRA	Astragalus spp.	(con.)
ASNU2	nuttallianus	Nuttall milkvetch
ASNY	nyensis	Nye milkvetch
ASOB	obsurus	Arcane milkvetch
ASON	oniciformis	Spindle milkvetch
ASOO	oophorus	
ASPA3	panguicensis	
ASPA6	pardalinus	Panther milkvetch
ASPA4	pattersonii	Patterson locoweed
ASPA5	paysonii	
ASPE2	pectinatus	Narrowleaf poisonvetch
ASPE3	perianus	Bullion Creek milkvetch
ASPI	pinonis	Pinon milkvetch
ASPL	platytropis	Broadkeeled milkvetch
ASPO	podocarpus	
ASPO2	orrectus	Lahontan milkvetch
ASPR2	praelongus	Stinking milkvetch
ASPR3	preussii	Preuss milkvetch
ASPS	pseudio- danthus	Tonapah milkvetch
ASPT	pterocarpus	Winged milkvetch
ASPU3	pubentis- simus	Greenriver milkvetch
ASPU2	pulsiferae	Ames milkvetch
ASPU	purshii	Pursh locoweed
ASRA	racemosus	Alkali milkvetch
ASRA2	rafaelensis	San Rafael milkvetch
ASRE	recedens	
ASRE2	recurvus	Recurved milkvetch
ASRE3	refractus	Texas milkvetch
ASRE4	remotus	Springmountain milkvetch
ASRE5	reventus	Bluemountain milkvetch
ASRO	robbinsii	Robbins milkvetch
ASRU4	rusbyi	Rusby milkvetch
ASSA	sabulonum	Cisco milkvetch
ASSA2	sabulosus	Straightstem poisonvetch
ASSA3	salmonis	Troutcreek milkvetch
ASSA4	saurinus	Dinosaur milkvetch
ASSC2	scopulorum	
ASSC3	scorpidies	Rocky Mountain milkvetch
ASSE2	serenoi	Naked milkvetch

FORBS

ASTRA	Astragalus spp.	(con.)
ASSE3	serpens	Plateal milkvetch
ASSE4	sesquiflorus	Sandstone milkvetch
ASSO	solitarius	Solitary milkvetch
ASSO2	sophoroides	Painted desert milkvetch
ASSP3	spatulatus	Tufted milkvetch
ASST2	sterilis	Barren milkvetch
ASST3	stipulatus	
ASST6	stocksii	
ASST4	straturensis	Pinevalley milkvetch
ASST5	striatiflorus	Escarpmment milkvetch
ASSU3	subcinereus	Silar milkvetch
ASTE	tegetarioides	Bastard milkvetch
ASTE2	tegetarius	Mat milkvetch
ASTE3	tenellus	Looseflower milkvetch
ASTE4	tephrodes	Towline loco
ASTE5	terminalis	Railhead milkvetch
ASTE6	tetrapterus	Fourwing poisonvetch
ASTI	tidestromii	Tidestrom milkvetch
ASTO	toanus	Toano milkvetch
ASTO2	toquimanus	Toquima milkvetch
ASTR2	trimestris	
ASTR3	troglodytus	Cliffdweller milkvetch
ASUN	uncialis	Currant milkvetch
ASUT	utahensis	Utah locoweed
ASVEN	vexilliflexus	Bentflowered milkvetch
	nubilus	
ASWA2	wardii	Ward locoweed
ASWE	wetherillii	Weatherill milkvetch
ASWH	whitneyi	Balloon milkvetch
ASWI	wingatanus	Fortwingate milkvetch
ASWO	woodruffii	Woodruff milkvetch
ASWO2	wootonii	Wooton locoweed
ASXI	xiphoides	Gladiator milkvetch
ASZI	zionis	Zion milkvetch

FORBS

ATHYR	Athyrium spp.	Ladyfern
ATDI2	distentifolium	Alpine ladyfern
ATFI	filixfemina	Ladyfern
ATHYS	Athy sanus spp.	Sandweed
ATPU	pusillus	
ATRIC	Atrichoseris spp.	Tobacco weed
ATPL	platiphylla	
ATRIP	Atriplex spp.	Saltbush
ATAR	argentea	Tumbling saltbush
ATDI	dioeca	Surfless saltbush
ATEL	elegans	Wheelscale saltbush
ATGR	graciliflora	
ATHO	hortensis	Garden orach
ATPA2	patula	Fat-hen saltbush
ATPH	phyllostegia	
ATPO2	powelli	
ATPU2	pusilla	
ATRO	rosea	Tumbling orach
ATSA	saccaria	
ATSE	semibaccata	Australian saltbush
ATSE2	serenana	
ATTE	tenuissima	
ATWO	wolffii	Wolf saltbush
AZOLL	Azolla spp.	Azolla
AZME	mexicana	Mexican azolla
BACOP	Bacopa spp.	Waterhyssop
BAEI	eisenii	
BARO	rotundifolia	Disk waterhyssop
BAHIA	Bahia spp.	Bahia
BADI	dissecta	Ragleaf bahia
BANU	nudicaulis	Basin bahia
BAOB	oblongifolia	
BAOU	ourolepis	
BAILE	Baileya spp.	Baileya
BAMU	multiradiata	Desert baileya
BAPA	pauciradiata	
BAPE	perennis	Leafystem baileya
BAPL	pleniradiata	Desert marigold baileya
BALSA	Balsamorhiza spp.	Balsamroot
BAHI	hirsuta	Hairy balsamroot

FORBS			FORBS		
BALSA	Balsamorhiza spp.	(con.)	BOERH	Boerhaavia spp.	(con.)
BAHOH	hookeri	Hooker	BOCO	coulteri	Coulter spiderling
	hookeri	balsamroot	BOLE	leisolena	
BAH02	hookeri		BOTO	torreyana	Torrey spiderling
	hispidula		BOWR	wrightii	Wright spiderling
BAHOI	hookeri		BOISD	Boisduvalia spp.	Spikeprimrose
	idahoensis		BODE	densiflora	Dense spike- primrose
BAHON	hookeri		BOGL	glabella	
	neglecta		BOMA	macrantha	
BAIN	incana	Hoary balsamroot	BOPA	pallida	
BAMA	macrophylla	Cutleaf balsamroot	BOST	stricta	Brook spike- primrose
BASA	sagittata	Arrowleaf balsamroot	BOLAN	Bolandra spp.	Bolandra
BASE2	serrata	Serrated balsamroot	BOOR	oregana	Oregon bo- landra
BARBA	Barbarea spp.	Wintercress	BORAG	Borago spp.	Borage
BAOR	orthoceras	Erectpod wintercress	BOOF	officinalis	Common borage
BASSI	Bassia spp.	Bassia	BOTRY	Botrychium spp.	Grapefern
BAHY	hyssopifolia	Fivehook bassia	BOBOO	Boreale ob- tusilobum	Northern grapefern
BELLI	Bellis spp.	Daisy	BOLA	lanceolatum	Lanceleaved grapefern
BEPE	perennis	English daisy	BOLU	lunaria	Moonwort
BERUL	Berula spp.	Berula	BOMA2	matricariae- folium	Matricary grapefern
BEER	erecta	Stalky berula	BOSI	simplex	Little grape- fern
BESSE	Besseyea spp.	Kittentails	BOVI	virginianum	Rattlesnake- fern
BEAL	alpina	Alpine kittentails	BRASS	Brassica spp.	Mustard
BERU	rubra	Red besseyea	BRCA3	campestris	Bird rape
BEWY	wyomingensis	Wyoming kittentails	BRHI	hirta	White mustard
BETA	Beta spp.	Beet	BRJU	juncea	India mustard
BEVU	vulgaris	Common beet	BRKA	kaber	Charlock
BIDEN	Bidens spp.	Beggarticks	BRNI	nigra	Black mustard
BIBI	bipinnata	Spanish-needles	BRICK	Brickellia spp.	
BICE	cernua	Nodding beggarticks	BRGR	grandiflora	Tasselflower brickellia
BIFR	frondosa	Devils beggarticks	BROBL	oblongifolia linifolia	Mohave brickellia
BLEP2	Blepharipappus spp.		BRODI	Brodiaea spp.	Brodiaeae
BLSC	scaber		BRDO	douglasii	Douglas brodiaeae
BOCCO	Bocconia spp.	Spiderling	BRHY	hyacintha	Hyacinth brodiaeae
BOMI	microcarpa	Wetleaf			
BOERH	Boerhaavia spp.	spiderling			
BOAN	annulata				

## FORBS

BRODI	<i>Brodiaea</i> spp. (con.)
BRPU	<i>pulchella</i>
	Purplehead <i>brodiaea</i>
BRYON	<i>Bryonia</i> spp.
BRAL	<i>alba</i>
	Bryony White bryony
BUTOM	<i>Butomus</i> spp.
BUUM	<i>umbellatus</i>
	Flowering rush Flowering rush
CALAN	<i>Calandrina</i> spp.
CACI	<i>ciliata</i>
	Rockpurslane Redmaids rockpurslane
CALLI	<i>Callirhoe</i> spp.
CAIN2	<i>involucrata</i>
	Poppy-mallow Low poppy-mallow
CALL2	<i>Callitrichie</i> spp.
CAHE	<i>hermaphroditica</i>
CAHE2	<i>heterophylla</i>
CAVE	<i>verna</i>
CALOC	<i>Calohortus</i> spp.
CAAM	<i>ambiguus</i>
CAAU3	<i>aureus</i>
CAEL2	<i>elegans</i>
CAEU	<i>eurycarpus</i>
CAFL	<i>flexuosus</i>
CAGU	<i>gunnisonii</i>
CAKE	<i>kennedyi</i>
CALE7	<i>leichlinii</i>
CAMA	<i>macrocarpus</i>
CANI	<i>nitidus</i>
CANUN	<i>nuttallii</i>
CAST	<i>nuttallii</i>
	<i>striatus</i>
CALITH	<i>Caltha</i> spp.
CALE	<i>leptosepala</i>
	Marshmarigold Elkslip marshmarigold
CALYC	<i>Calycoseris</i> spp.
CAPA	<i>parryi</i>
CAWR	<i>wrightii</i>
CALYP	<i>Calypso</i> spp.
CABU2	<i>bulbosa</i>
	Fairy slipper orchid
CALY2	<i>Calyptridium</i> spp.
CAMO2	<i>monandrum</i>
CAPA2	<i>parryi</i>

## FORBS

CALY2	<i>Calyptridium</i> spp. (con.)
CARO3	<i>roseum</i>
	Rosy <i>calyptridium</i>
CAMAS	<i>Camassia</i> spp.
CALE3	<i>leichlinii</i>
CAQU	<i>quamash</i>
CAMEL	<i>Camelina</i> spp.
CAMI2	<i>microcarpa</i>
CAMIS	<i>Camissonia</i> spp. ( <i>Oenothera</i> )
CAAN3	<i>andina</i>
	Andean evening primrose
CABOA	<i>boothii</i>
	Alyssum evening primrose
CABRS	<i>alyssoides</i>
CABR6	<i>brachycarpa</i>
	Golden evening primrose
CACA10	<i>brevipes</i>
	Desert evening primrose
CACH4	<i>californica</i>
CACL2	<i>chamaenerioides</i>
	Brown-eyed even- ing primrose
CACO6	<i>clavaeformis</i>
	Plains evening primrose
CADE3	<i>contorta</i>
CADE4	<i>decorticans</i>
CAEA	<i>dentata</i>
CAFL4	<i>eastwoodiae</i>
	Yellow evening primrose
CAHE7	<i>flava</i>
CAHE8	<i>heterantha</i>
CAME2	<i>heterochroma</i>
CAMI7	<i>megalantha</i>
CAMI8	<i>micrantha</i>
	Small evening primrose
CAMU3	<i>minor</i>
CAMU4	<i>multijuga</i>
CAPA8	<i>munzii</i>
CAPA9	<i>palmeri</i>
CAPT	<i>parryi</i>
CARE2	<i>pterosperma</i>
CASC2	<i>refracta</i>
	Barestem even- ing primrose
CASP3	<i>scapoidea</i>
CATA	<i>specuicola</i>
	Tanseyleaf even- ing primrose
CAWA	<i>tanacetifolia</i>
	Canby poppy
CAMP4	<i>walkeri</i>
CAMP4	<i>Campanula</i> spp.
CAP43	<i>parryi</i>
	Golden canby poppy
CARA	<i>rapuncloides</i>
CARO2	<i>rotundifolia</i>
CATR	<i>trubinata</i>
CAUN	<i>uniflora</i>
CANBY	<i>Canbya</i> spp.
CAAU	<i>aurea</i>

FORBS

<u>CANNA</u>	<i>Cannabis spp.</i>	Hemp or marijuana
CASA	<i>sativa</i>	Hemp
<u>CAPSE</u>	<i>Capsella spp.</i>	Shepherds-purse
<u>CABU</u>	<i>bursa-pastoris</i>	Shepherds-purse
<u>CARDA</u>	<i>Cardamine spp.</i>	Bittercress
<u>CABE</u>	<i>bellidifolia</i>	Brewer bittercress
<u>CABR</u>	<i>breweri</i>	Heartleaf bittercress
<u>CACO</u>	<i>cordifolia</i>	Lyall bittercress
<u>CALY</u>	<i>lyallii</i>	Western bittercress
<u>CAOC</u>	<i>occidentalis</i>	Pennsylvania bittercress
<u>CAPA4</u>	<i>parviflora</i>	
<u>CAPE4</u>	<i>pennsylvanica</i>	
<u>CARD2</u>	<i>Cardaria spp.</i>	Whitetop
<u>CADR</u>	<i>draba</i>	Pepperweed whitetop
<u>CAPU2</u>	<i>pubescens</i>	Longstalk hairy whitetop
<u>CARDU</u>	<i>Carduus spp.</i>	Bristlethistle
<u>CANU</u>	<i>nutans</i>	Musk bristlethistle
<u>CARTH</u>	<i>Carthamus spp.</i>	
<u>CATI</u>	<i>tinctorius</i>	Safflower
<u>CARUM</u>	<i>Carum spp.</i>	
<u>CACA6</u>	<i>carvi</i>	Caraway
<u>CASTI</u>	<i>Castilleja spp.</i>	Indian paintbrush, painted-cup
<u>CAAN</u>	<i>angustifolia</i>	Northwestern painted-cup
<u>CAAP2</u>	<i>applegatei</i>	Pine Indian paintbrush
<u>CAARS</u>	<i>arachnoidea</i>	
<u>CABA</u>	<i>barnebyana</i>	
<u>CACA7</u>	<i>calcicola</i>	
<u>CACH2</u>	<i>chlorotica</i>	
<u>CACH3</u>	<i>chromosa</i>	Desert Indian paintbrush
<u>CACH4</u>	<i>chrysantha</i>	
<u>CACL</u>	<i>clokeyi</i>	
<u>CACO5</u>	<i>covilleana</i>	
<u>CACU2</u>	<i>cusickii</i>	Scarlet painted-cup
<u>CAEL4</u>	<i>elkoensis</i>	
<u>CAEX3</u>	<i>exilis</i>	
<u>CAFL3</u>	<i>flava</i>	Yellow Indian paintbrush

FORBS

<u>CASTI</u>	<i>Castilleja spp.</i>	(con.)
<u>CAFR</u>	<i>fraterna</i>	
<u>CAGL</u>	<i>glandulifera</i>	Grand Indian paintbrush
<u>CAGR</u>	<i>gracillima</i>	Slender Indian paintbrush
<u>CAHI</u>	<i>hispida</i>	Northwestern painted-cup
<u>CAIN5</u>	<i>integra</i>	Wholeleaf painted-cup
<u>CAKI</u>	<i>kaibabensis</i>	
<u>CALA4</u>	<i>lanata</i>	
<u>CALAS</u>	<i>lapidicola</i>	
<u>CALE2</u>	<i>leonardi</i>	
<u>CALI</u>	<i>linariaefolia</i>	Wyoming painted-cup
<u>CALO2</u>	<i>longispica</i>	
<u>CAMA2</u>	<i>magnistyliis</i>	
<u>CAMIS</u>	<i>miniata</i>	Scarlet painted-cup
<u>CAMI6</u>	<i>minor</i>	
<u>CANA</u>	<i>nana</i>	
<u>CAOC3</u>	<i>occidentalis</i>	Western painted-cup
<u>CAOR</u>	<i>oresbia</i>	Pale wallowa paintbrush
<u>CAPA7</u>	<i>pallescens</i>	Pale painted-cup
<u>CAPI2</u>	<i>pilosa</i>	White painted-cup
<u>CAPR6</u>	<i>pruinosa</i>	
<u>CAPU3</u>	<i>puberula</i>	
<u>CAPU4</u>	<i>pulchella</i>	
<u>CAPY2</u>	<i>pyramidalis</i>	
<u>CARE2</u>	<i>revealii</i>	
<u>CARH</u>	<i>rhexifolia</i>	Splitleaf painted-cup
<u>CARU3</u>	<i>rustica</i>	
<u>CASA3</u>	<i>salsuginosa</i>	
<u>CASC4</u>	<i>scabrida</i>	
<u>CASU</u>	<i>sulphurea</i>	Sulphur painted-cup
<u>CATR3</u>	<i>trainii</i>	
<u>CAVI2</u>	<i>viscidia</i>	
<u>CAVI3</u>	<i>viscidula</i>	
<u>CAUCA</u>	<i>Caucalis spp.</i>	False-carrot
<u>CAMI7</u>	<i>microcarpa</i>	False-carrot
<u>CAULA</u>	<i>Caulanthus spp.</i>	Wildcabbage
	(See <i>Streptanthus</i> )	
<u>CACO6</u>	<i>cooperi</i>	
<u>CACR</u>	<i>crassicalis</i>	Thickstem wildcabbage
<u>CAGL2</u>	<i>glaber</i>	
<u>CAGL3</u>	<i>glaucus</i>	
<u>CAMA3</u>	<i>major</i>	
<u>CAPI3</u>	<i>pilosus</i>	

FORBS		FORBS	
CENTA	Centaurea spp.	Centaurea	CHAM2 Chamachaenactis
CECA	calcitrata	Star thistle	spp.
CECY	cyanus	Cornflower	CHSC Scaposa
CEDE2	dealbata	Persian centaurea	CHAM3 Chamaerhodos spp. erecta
CEDI	diffusa	Diffuse knapweed	CHAM4 Chamaesaracha spp.
CEJA	jacea	Brownscale centaurea	CHCO coronopus
CEMA2	macrocephala	Globe centaurea	CHNA3 nana
CEOX	oxylepis		CHEIL Cheilanthes spp.
CEPE	pennsylvanica	Russian centaurea	CHCO2 covillei Lipfern repens
CERE2		Yellow centaurea	Coville lipfern
CESO	solstitialis		CHEA eatoni Eaton lipfern
CEVI	virgata		CHFE feei Fee lipfern
CENT2	Centaurium spp.	Centaurium	CHFE2 fendleri Fendler lipfern
CECA2	calycosum		CHGR gracillima Lace lipfern
CECU	curvistamineum		CHWO wootonii
CEEX	exaltatum		CHILI Chelidonium spp. Celandine
CENU	nuttallii		CHMA2 majus Greater celandine
CERAS	Cerastium spp.	Cerastium, mouse-ear chickweed	CHENO Chenopodium spp. Pigweed or HAL3 albescens Goosefoot
CEAR	arvense	Starry cerastium	HAL ambucum Lambsquarters goosefoot
CEBE	beeringianum		CHAM ambrosioides Wormseed CEBR brachypodium
CENU2	nutans	Nodding cerastium	CHAR aridum goosefoot
CEVI2	viscosum	Sticky cerastium	CHAT atrovirens Pitseed goosefoot
CEVU	vulgatum	Big cerastium	CHBE berlandieri Dark goosefoot
CERAT	Ceratophyllum spp.	Hornwort	CHBO botrys goosefoot
CEDE3	demersum	Hornwort	CHCA capitatum Jerusalem-oak goosefoot
CHAEN	Chaenactis spp.	Chaenactis or Dusty maiden	CHCH chenopodioides Blite (rubrum) goosefoot
CHAL4	alpigena		CHDE2 dessicatum Red goosefoot
CHAL2	alpina	Alpine dusty maiden	CHFO2 foliosum Desert goosefoot
CHCA2	carphoclinia		CHFR2 fremontii Fremont goosefoot
CHCU	cusickii		CHGI gigantospermum Slimleaf Mapleleaf goosefoot
CHDO	douglasii	Douglas chaenactis	CHGL glaucum goosefoot
CHEV	evermannii		CHHI hians Oakleaf goosefoot
CHFR	fremontii		CHHU humile
CHMA	macrantha		CHIN incanum
CHNE	nevadensis		CHIN2 incognitum
CHST3	stevioides		CHLE leptophyllum Nettleleaf (inamoenum)
CHXA	xantiana		CHMU murale goosefoot
CHEAT	Chaetadelpha spp.		CHNE2 nevadense
CHWH	wheeleri		CHOV overi
			CHPA2 palmeri
			CHST2 strictum
			CHSU subglabrum

<u>FORBS</u>			<u>FORBS</u>		
<u>CHENO</u>	Chenopodium spp. (con.)		<u>CIRSI</u>	Cirsium spp. (con.)	
<u>CHWA</u>	watsonii		<u>CICE</u>	centaurea	Fringed thistle
<u>CHIMA</u>	Chimaphila spp.	Pipsissewa	<u>CICL</u>	clavatum	
<u>CHUMO</u>	umbellata	Western	<u>CIDA</u>	davisii	
	occidentalis	pipsissewa	<u>CIDO2</u>	douglasii	
<u>CHINO</u>	Chinophila spp.		<u>CIEA</u>	eatonii	
<u>CHTW</u>	tweedyi	Snowlover	<u>CIFL</u>	flodmanii	Flodman thistle
<u>CHLO2</u>	Chlorocrambe spp.	(Sisymbrium)	<u>CIFO</u>	foliosum (drummondii)	Elk thistle
<u>CHHA</u>	hastata		<u>CIHA</u>	hallii	Halls thistle
<u>CHLI2</u>	linifolium		<u>CIN2</u>	inamoensus	
<u>CHORI</u>	Chorispora spp.	Chorispora or Blue mustard	<u>CIMO</u>	mohavense	Mohave thistle
<u>CHTE</u>	tenella		<u>CINI</u>	nidulum	
<u>CHOR2</u>	Chorizanthe spp.	Turksrug spineflower	<u>CIOC</u>	ochrocentrum	Yellow thistle
<u>CHBR2</u>	brevicornu		<u>CIPA</u>	parryi	
<u>CHRI</u>	rigida		<u>CIPR</u>	polyphyllum	
<u>CHTH</u>	thurberi	Thurber spineflower	<u>CIPU</u>	proteanum	
<u>CHWA2</u>	watsonii	Watson spineflower	<u>CIRO</u>	pulchellum	
			<u>CIRY</u>	rothrockii	
			<u>CISC</u>	rydbergii	
			<u>CISU</u>	scopulorum	
			<u>CIUM</u>	subniveum	
			<u>CIUT</u>	undulatum	
			<u>CIVU</u>	utahense	
				vulgare	Bull thistle
<u>CHRYS</u>	Chrysanthemum spp.	Chrysanthemum			
<u>CHAR2</u>	arcticum	Arctic chrysan- themum	<u>CLARK</u>	Clarkia spp.	Clarkia
<u>CHBA</u>	balsamita	Costmary	<u>CLLA2</u>	lassenensis	
		chrysanthemum	<u>CLPU</u>	pulchella	Diehorn clarkia
<u>CHLE2</u>	leucanthemum	Oxeye-daisy	<u>CLRH</u>	rhomboidea	Rhomboid clarkia
<u>CHRY2</u>	Chrysopsis spp. (see Heterotheca)				
<u>CICHO</u>	Cichorium spp.	Chicory	<u>CLAYT</u>	Claytonia spp.	Springbeauty
<u>CIIN</u>	intybus	Common chicory	<u>CLLA</u>	lanceolata	Lanceleaf springbeauty
<u>CICUT</u>	Cicuta spp.	Waterhemlock	<u>CLME</u>	megarrhiza	Alpine springbeauty
<u>CIDO</u>	douglasii	Douglas waterhemlock	<u>CLNE</u>	nevadensis	Nevada springbeauty
<u>CIMA</u>	maculata	Spotted waterhemlock	<u>CLUM</u>	umbellata	
<u>CIRCA</u>	Circaeа spp.	Circaeа	<u>CLEMA</u>	Clemans spp.	
<u>CIAL</u>	alpina	Alpine circaeа	<u>CLDO</u>	douglassii	
<u>CIRSI</u>	Cirsium spp.	Thistle	<u>CLEM2</u>	Clematis spp.	
<u>CIAN</u>	andersonii	Anderson thistle	<u>CLCO</u>	columbiana	Virginsbower
<u>CIAR</u>	arizonicum	Arizona thistle	<u>CLHIH</u>	hirsutissima	
<u>CIAR2</u>	arvense	Canada thistle		(douglasi)	Douglas clematis
<u>CIBI</u>	bipinnatum		<u>CLHIS</u>	hirsutissima scottii	Scott clematis
<u>CIBR</u>	brevifolium		<u>CLLI2</u>	ligusticifolia	Western virginsbower
<u>CICA</u>	calcareum				
<u>CICA2</u>	canovirens				

FORBS			FORBS		
CLEOM	Cleome spp.	Spiderflower	CONIU	Conium spp.	
CLLU	lutea	Yellow spiderflower	COMA	maculatum	poison-hemlock
CLPL	platycarpa		CONRI	Conringia spp.	Haresear
CLSE	serrulata	Bee spiderflower	COOR	orientalis	Treacle haresear
CLSP	sparsifolia	Poverty spiderflower	CONVO	Convolvulus spp.	Glorybind, Bindweed, or Morning glory
CLEO2	Cleomella spp.	Cleomella	COAR2	arvensis	European glorybind
CLBR2	brevipes		COLO	longipes	
CLHI	hillmanii	Hillman cleomella	COSE	sepium	Hedge glorybind
CLOB	obtusifolia		CONYZ	Conyza spp.	Horseweed
CLPA	palmerans	Palmer cleomella	COCA2	canadensis	Canadian horseweed
CLPA2	parviflora	Slender cleomella	CORAL	Corallorrhiza spp.	
CLPL2	plocasperma		COMA2	maculata	Coralroot
CLINT	Clintonia spp.	Beadlily	COME	mertensiana	Spotted coralroot
CLUN	uniflora	Queencup or Cornlily	COST	striata	Pacific coralroot
CNICU	Cnicus spp.	Blessed thistle	COTR	trifida	Hooded coralroot
CNBE	benedictus	Blessed thistle	COWI	wisteriana	Early coralroot
COLDE	Coldenia spp.	Coldenia	CORDY	Cordylanthus spp.	Wister coralroot
COCA	canescens	Spreading coldenia	COCA3	canescens	Birdbeak
COHI	hispidissima	Hairy coldenia	COCA4	capitatus	Clustered budbeak
CONU	nuttallii	Nuttall coldenia	COHE	helleri	Heller budbeak
COPL	plicata	Desertmat coldenia	KOKI	kingii	King budbeak
COLLI	Collinsia spp.	Blue-eyed Mary	COLA	laxiflorus	
COCH	childii		CONE	nevadensis	Nevada budbeak
COGR	grandiflora	Bluelips collinsia	COPA3	parviflorus	
COPA2	parviflora	Littleflower collinsia	CORA	ramosus	Bush budbeak
COTO	torreyi		COTE2	tecopensis	
COLLO	Collomia spp.	Collomia	COTE3	tenuifolius	Slender budbeak
CODE	debillis	Alpine collomia	COTE4	tenuis	
COGR2	grandiflora	Bigflower collomia	COWR	wrightii	Wright budbeak
COLI	linearis	Slenderleaf collomia	COREQ	Coreopsis spp.	Coreopsis
COTE	tenella	Mazama collomia	COLA2	lanceolata	Lance coreopsis
COTI	tinctoria	Yellowstaining collomia	COTI2	tinctoria	Plains coreopsis
COMAN	Comandra spp.	Comandra	CORIA	Coriandrum spp.	Coriander
COPA	pallida	Bastard toadflax	COSA	sativum	Coriander
COMME	Commelina spp.	Dayflower	CORIS	Corispermum spp.	Tickseed, or Bugseed
CODT	dianthifolia	Birdbill dayflower	COEM	emarginatum	
CONIO	Conioselinum spp.	Hemlockparsley	COHY	hyssopifolium	Hyssopleaf tickseed
COSC	scopulorum	Rocky Mt. hemlockparsley	CONI	nitidum	Nits bugseed
			COVI	villosum	

FORBS			FORBS		
CORON	Coronilla spp.	Coronilla	CRYPT	Cryptantha spp.	(con.)
COMI	minima	Small crownvetch	CRCO	confertiflora	Plains
		coronilla	CRCR	crassisepta	hiddenflower
COVA	varia	Crownvetch	CRDE	decipiens	
		coronilla	CRDO	dolosa	
CORYD	Corydalis spp.	Corydalis	CRDU	dumetorum	
COAU	aurea	Golden corydalis	CREC	echinella	
COAUM	montanum	Mountain	CREC2	echinooides	
		corydalis	CRFE	fendleri	Fendler
COCAS5	caseana	Fitweed corydalis	CRFL3	flaccida	cryptantha
CORYP	Coryphantha spp.	Coryphantha	CRFL2	flava	Weakstem
COMT2	missouriensis	Nipple			cryptantha
		coryphantha	CRFL	flavoculata	Yellow
COVI2	vivipara	Cushion	CRFU	fulvo-	cryptantha
	vivipara	coryphantha		canescens	Roughseed
COVIA	vivipara	Arizona cushion	CRGL	glomeriflora	cryptantha
	arizonica	coryphantha	CRGR	gracilis	Beggarlice
COVID	vivipara	Desert cushion	CRGR2	grahamii	hiddenflower
	desertii	coryphantha	CRHO	hoffmannii	
CREPI	Crepis spp.	Hawksbeard	CRHU	humilis	
CRAC	acuminata	Tapertip	CRIN2	inaequata	
		hawksbeard	CRIN3	insolita	
CRAT	atrabarba	Slender	CRIN4	interrupta	
CRBA	bakeri	Baker hawksbeard	CRJA	jamesii	James cryptantha
CRBA2	barbigera	Bearded	CRJO	jonesiana	
		hawksbeard	CRKE	kelseyanii	Kelsey cryptantha
CRIN	intermedia	Gray hawksbeard	CRLO	longiflora	
CRM0	modocensis	Modoc hawksbeard	CRMA	maritima	
CRM02	monticola	Siskiyou	CRME	mensana	
		hawksbeard	CRMI	micrantha	
CROC	occidentalis	Western	CRMI2	mirabunda	Desert nut
		hawksbeard	CRMU	muricata	
CRRUG	runcinata	Dandelion	CRNA	nana	
	glauca	hawksbeard	CRNE	nevadensis	
CRSC	scopulorum	Yellowstone	CRNU	nubigena	
		hawksbeard	CROS	osterhoutii	
			CROX2	oxygona	
CRESS	Cressa spp.		CRPA	paradoxa	
CRTR	truxillensis		CRPA2	pattersonii	
			CRPR	propria	Idaho cryptantha
CROTO	Croton spp.	Croton	CRPT	pterocarya	Winged cryptantha
CRCA	californicus	California croton	CRRA	racemosa	Forget-me-not
CRTE	texensis	Texas croton	CRRE	recurvata	cryptantha
			CRRO	rollinsii	
CRYPT	Cryptantha spp.	Cryptantha	CRRU	rugulosa	
CRAB	abata		CRSA	salmonensis	Salmon River cryptantha
CRAF	affinis		CRSE2	scoparia	
CRAM	ambigua	Wilkes cryptantha	CRSE2	semiglabra	Desert cryptantha
CRAN	angustifolia		CRSE	sericea	
CRBA3	bakeri	Baker cryptantha	CRSE3	setosissima	
CRBA4	barbigera		CRSI	simulans	Pine woods cryptantha
CRBA5	barnebyi	Barneby cryptantha	CRSU	subretusa	
CRBR	breviflora				
CRCA2	caespitosa	Tufted cryptantha			
CRCA3	capitata				
CRCI	circumscissa	Malted cryptantha			

FORBS

CRYPT	Cryptantha spp.	(con.)
CRTE2	tenuis	
CRTO	torreyana	Torrey cryptantha
CRUT	utahensis	
CRVI	virginensis	
CRWA	watsonii	Watson cryptantha
CRWE	wetherillii	
CRYP2	Cryptogramma spp.	Rockbrake
CRAC2	acrostichoides	American rockbrake
CRST	stelleri	Slender rockbrake
CUCUR	Cucurbita spp.	Gourd
CUFO	foetidissima	Buffalogourd
CUSCU	Cuscuta spp.	Dodder
CUAP	approximata	
CUCA	californica	
CUCA2	campestris	Legume dodder
CUCE	cephalanthi	Button dodder
CUCO	coryli	Hazel dodder
CUCU	curta (megalocarpa)	
CUCU2	cuspidata	
CUDE	denticulata	
CUEP	epithymum	Clover dodder
CUGR	gronovii	Gronovius dodder
CUIN	indecora	Bigseed alfalfa
CUNE	nevadensis	dodder
CUOC	occidentalis	
CUPE	pentagona	
CUSA	salina	Saltmarsh dodder
CUWA	warneri	
CYCLO	Cycloloma spp.	Ringwing
CYAT	atriplicifolium	Tumble ringwing
CYMOP	Cymopterus spp.	Spring parsley
CYAB	aboriginum	Indian spring parsley
CYAC	acaulis	Stemless spring parsley
CYAN	anisatus	Anis spring parsley
CYBA	basalticus	Basalt spring parsley
CYBI	bipinnatus	Fernleaf spring parsley
CYBU	bulbosus	Onion spring parsley
CYCI	cinerarius	Great Basin spring parsley
CYCO	corrugatus	
CYCO2	coulteri	Coulteri spring parsley
CYDU	duchesnensis	Utah spring parsley
CYFE	fendleri	Chimaya
CYGI	gilmanii	Gilman spring parsley

FORBS

CYMOP	Cymopterus spp.	(con.)
CYGL	glaucus	Smooth spring parsley
CYGL2	globosus	
CYGR	grayii	
CYHE	hendersonii	Henderson spring parsley
CYHI	higginsii	
CYIB	ibapensis	
CYJO	jonesii	Jones spring parsley
CYLO	longipes	
CYME	megacephalus	
CYMI	minimum	
CYMU	multi-nervatus	Corkwing spring parsley
CYNE	newberryi	Sweetroot spring parsley
CYNI	nivalis	
CYPE	petraeus	
CYPU	purpurascens	Purple spring parsley
CYPU2	purpureus	
CYRI	ripleyi	
CYRO	rosei	
CYTE	terebinthina	
CYWA	watsonii	Watson spring parsley
CYNAN	Cynanchum spp.	Swallow-wort
CYUT	utahense	
CYNOG	Cynoglossum spp.	
CYOF	officinale	Houndstongue
CYPRI	Cypripedium spp.	Ladyslipper
CYCA	calceolus	Large yellow ladyslipper
CYCA2	californicum	California ladyslipper
CYFA	fasciculatum	Brownie ladyslipper
CYMO	montanum	Mountain ladyslipper
CYSTO	Cystopteris spp.	
CYBU2	bulbifera	Bladderfern
CYFR	fragilis	Berry bladderfern
CYMO2	montana	Brittle bladderfern
		Mountain bladdersenna

FORBS			FORBS		
<u>DALEA</u>	Dalea spp. (Petalostemon)	Indigo bush, dalea, Parry dalea, Prairie- clover	<u>DESCU</u>	Descurainia spp. (con.)	
<u>DACA4</u>	candidum		<u>DESO</u>	sophia	Flixweed tansymustard
<u>DAEP</u>	epica		<u>DIANT</u>	Dianthus spp.	Pink; carnation
<u>DAFL</u>	flavescens	Yellow prairie clover	<u>DIPF</u>	pinifolius	Pineleaf pink
<u>DAFR2</u>	fremontii		<u>DICEN</u>	Dicentra spp.	Bleedingheart
<u>DAOR</u>	ornatum		<u>DICU</u>	cucullaria	Dutchman's breeches
<u>DAPA</u>	parryi	Parry dalea	<u>DIUN</u>	uniflora	Steershead
<u>DASE</u>	searlsiae	Searls prairie clover	<u>DICOR</u>	Dicoria spp.	
<u>DAWH</u>	whitingii	Whiting dalea	<u>DIBR</u>	brandegei	
<u>DATUR</u>	Datura spp.	Datura, jimsonweed	<u>DICA</u>	canescens	
<u>DAME</u>	meteloides	Sacred datura	<u>DIPA</u>	paniculata	
<u>DAST</u>	stramonium	Jimsonweed, datura	<u>DIWE</u>	wetherillii	
<u>DAUCU</u>	Daucus spp.	Carrot	<u>DICTA</u>	Dictamnus spp.	Dittany
<u>DACA2</u>	carota	Wildcarrot	<u>DIAL</u>	allius	
<u>DASA</u>	sativa	Garden carrot	<u>DIMER</u>	Dimeresia spp.	
<u>DELPH</u>	Delphinium spp.	Larkspur	<u>DIHO</u>	howellii	
<u>DEAJ</u>	ajacis	Rocket larkspur	<u>DIPLO</u>	Diplotaxis spp.	Wall rocket
<u>DEAN</u>	andersonii	Anderson larkspur	<u>DIMU</u>	muralis	Stinking wall rocket
<u>DEBA</u>	barbeyi	Barbey larkspur	<u>DIPSA</u>	Dipsacus spp.	Teasel
<u>DEBI</u>	bicolor	Little larkspur	<u>DISY</u>	sylvestris	Venus-cup teasel
<u>DEBU</u>	burkei	Burkes larkspur	<u>DISPO</u>	Disporum spp.	Fairybells
<u>DECY</u>	cyanoreios		<u>DIHO2</u>	hookeri	Hooker fairybells
<u>DEDE</u>	dapauperatum	Slim larkspur	<u>DITR</u>	trachycarpum	Wartberry fairybells
<u>DEDI</u>	diversi- folium	Slender larkspur	<u>DITHY</u>	Dithyraea spp.	Spectacle-pod
<u>DEGE</u>	geyeri	Geyer larkspur	<u>DICA2</u>	californica	California spectacle-pod
<u>DEGL</u>	glaucum	Sierra larkspur	<u>DIWI</u>	wislizenii	Wislizenus spectacle-pod
<u>DENE</u>	nelsonii (menziesii)	Nelson larkspur	<u>DODEC</u>	Dodecatheon spp.	Shootingstar
<u>DENU</u>	nuttallianum	Nuttall larkspur	<u>DOAL</u>	alpinum	Alpine shootingstar
<u>DEOC</u>	occidentale	Duncecap larkspur	<u>DOCQ</u>	conjugens	Sailorscaps shootingstar
<u>DEPA</u>	parishi	Parish larkspur	<u>DODE</u>	dentatum	Dentate shootingstar
<u>DEPO</u>	polycladon		<u>DOJE</u>	jeffreyi	Jeffrey shootingstar
<u>DESC</u>	scaposum	Barestem larkspur	<u>DOPU</u>	pulchellum	Darkthroat shootingstar
<u>DESO2</u>	sonnei	Sonne larkspur	<u>DORE</u>	redolens	
<u>DEST</u>	stachydeum	Rocky Mountain larkspur	<u>DOWNI</u>	Downingia spp.	Downingia
<u>DEUM</u>	umatillense		<u>DOBA</u>	bacigalupii	
<u>DEV1</u>	virescens	Plains larkspur	<u>DOBI</u>	bicornuta	
<u>DESCU</u>	Descurainia spp.	Tansymustard	<u>DOEL</u>	elegans	
<u>DECA2</u>	californica	California tansymustard			
<u>DEOB</u>	obtusa				
<u>DEPI</u>	pinnata	Pinnate tansymustard			
<u>DERI</u>	richardsonii (hartwegi- anum)	Richardson tansymustard			

<u>FORBS</u>			<u>FORBS</u>		
DOWNI	Downingia spp. (con.)		DRYOP	Dryopteris spp. (con.)	
DOIN	insignis		DRIN2	intermedia	Common woodfern
DOLA	laeta		DRSP2	spinulosa	Toothed woodfern
DRABA	Draba spp.	Draba	DUDLE	Dudleya spp.	Dudleya
DRAR	argyraea		DUAR	arizonica	Arizona dudleya
DRAR2	arida		DYSSO	Dyssodia spp.	Dogweed
DRAS	asprella		DYAC	acerosa	Prickleleaf dogweed
DRAS2	asterophora		DYCO	cooperi	
DRAU	aurea (luteola)	Golden draba	DYPE	pentachaeta	
DRBR	brachystylis	Short fruited draba	DYPO	porophylloides	
DRBR2	breweri	Brewer's draba	DYTH	thurberi	Thurber dogweed
DRCR	crassa		EATON	Eatonella spp.	Eatonella
DRCR2	crassifolia	Hairy whitlowgrass	EANI	nivea	Sierra eatonella
DRCU	cuneifolia		EBURO	Eburophyton spp.	Phantom orchid
DRDEA	densifolia apiculata	Rockcress draba	EBAU	austinae	Austin phantom orchid
DRDO	douglasii	Douglas draba	ECHI4	Echinocystis spp.	Mock-cucumber
DRFL	fladnizensis	Arctic draba	ECLO	lobata	Wild mock-cucumber
DRIN	incerta	Yellowstone draba	ECHI5	Echinodorus spp.	Burhead
DRLA	lanceolata	Lanceolate draba	ECBE	berterol	Burhead
DRMA	maguirei		ECHI6	Echinops spp.	Globethistle
DRNE	nemorosa	Woods draba	ECRI	ritro	Small globethistle
DRNI	nivalis	Snow draba	ECEX	exaltatus	Russian globethistle
DROLP	oligosperma pectinipita	Snowbank draba	ELATI	Elatine spp.	Waterwort
DROR	oreibata	Limestone draba	ELBR	brachysperma	Shortseed waterwort
DRPA	paysonii	Payson draba	ELRU	rubella	
DRPE	pectinipila		EMMEN	Emmenanthe spp.	Whisperingbells
DRPR	praealta		EMPA	parviflora	Sagebrush whisperingbells
DRQU	quadricostata		EMPE	penduliflora	Yellow whisperingbells
DRRE	rectifructa	Mountain draba	ENCE2	Enceliopsis spp.	Enceliopsis
DRRE2	reptans	Carolina draba	ENAR	argophylla	Silverleaf enceliopsis
DRSO	sobolifera	Showy draba	ENN	nudicaulis	Barestem enceliopsis
DRSP	spectabilis		ENN2	nutans	
DRSP2	sphaerocarpa	Globe-fruited draba			
DRST	stenoloba	Alaska draba			
DRSU	subalpina	Skinny draba			
DRV2	ventosa				
DRVE	verna	Spring draba			
DRZI	zionensis	Utah draba			
DRACO	Dracocephalum spp.	Dragonhead			
DRNU	nuttallii	American dragonhead			
DROSE	Drosera spp.	Sundew			
DRAN	anglica	English sundew			
DRRO	rotundifolia	Roundleaf sundew			
DRYOP	Dryopteris spp.	Woodfern			
DRDI	dilatata	Mountain woodfern			
DRFI	filixmas	Male fern			

FORBS

EPILO	Epilobium spp.	Willowweed
EPAD	adenocaulon	Sticky willowweed
EPAL	alpinum (hornemannii)	Alpine willowweed
EPAN	angustifolium	Fireweed
EPCI	ciliatum	
EPGL	glaberrimum	
EPGL2	glandulosum	Glandular willowweed
EPLA	latifolium	Red willowweed
EPMI	minutum	
EPOB	obcordatum	
EPPA2	palustre	
EPPA	paniculatum	Autumn willowweed
EPIPA	Epipactis spp.	Epipactis
EPGI	gigantea	Stream epepactis
EQUIS	Equisetum spp.	Horsetail
EQAR	arvense	Field horsetail
EQFU	funstonii	Funston horsetail
EQHYC	hyemale californicum	Western scouring-rush
EQKA	kansanum	Kansas horsetail
EQLA	laevigatum	Smooth horsetail
EQPA	palustre	Marsh horsetail
EQPR	pratense	Meadow horsetail
EQVA	variegatum	Variegated horsetail
EREMO	Eremocrinum spp.	
ERAL2	albomarginatum	
ERIAS	Eriastrum spp.	Eriastrum
ERDE	densifolium	
ERDI2	diffusum	
ERER	eremicum	
ERSP	sparsiflorum	
ERIGE	Erigeron spp.	Fleabane, daisy
ERAB	abajoensis	
ERAC	acris	Bitter fleabane
ERAP	aphanactis (concinnum)	Hairy fleabane
ERAR2	arenarioides	
ERAR	argentatus	
ERAS	asperagineus	
ERBE	bellidiastrum	
ERBL	bloomeri	Bloomer fleabane
ERBR	breweri	
ERCA3	caespitosus	Tufted fleabane

FORBS

ERIGE	Erigeron spp.	(con.)
ERCA2	canus	Hoary fleabane
ERCH2	chrysopsisidis	Dwarf yellow fleabane
ERCL	clokeyi	
ERCO2	compactus	
ERC03	compositus	Fernleaf fleabane
ERCO	corymbosus	Purpledaisy fleabane
ERC04	coulteri	Coulter fleabane
ERCR	cronquistii	
ERDI3	disparipilus	
ERDI4	divergens	Spreading fleabane
EREA	eatonii	Eaton fleabane
EREL3	elatior	Tall fleabane
EREL4	elegantulus	
EREN	engelmannii	Engelmann fleabane
EREV	evermannii	Evermann daisy
ERFI	filifolius	Threadleaf fleabane
ERFL	flagellaris	Trailing fleabane
ERFO	formosissimus	
ERGA	garrettii	Wild daisy
ERGL	glabellus	Smooth fleabane
ERIN	inornatus	
ERJO	jonesii	
ERKA	kachinensis	
ERLA4	latus	
ERLE	leiomerus	Yellow fleabane
ERLO	lonchophylalus	Spearleaf fleabane
ERMA	macranthus	Aspen fleabane
ERMA2	maguirei	
ERMA3	mancus	
ERME2	melanocephalus	
ERNA	nanus	Dwarf fleabane
ERNA2	nauseosus	
ERNA3	navidincola	
EROV2	ovinus	
ERPE	peregrinus	Peregrine fleabane
ERPE2	petiolaris	
ERPH	philadelphicus	Philadelphia fleabane
ERPO	poliospermus	Cushion fleabane
ERPU	pulcherrimus	Basin fleabane
ERPU2	pumilus	Low fleabane
ERPY	pygmaeus	
ERRE	religiosus	
ERSI	simplex	Oneflower fleabane

FORBS

ERIGE	Erigeron spp.	(con.)
ERSPM	speciosus	Oregon
	macranthus	fleabane
ERST	strigosus	Rough fleabane
ERSU	subtrinervis	Threenerve fleabane
ERSU2	superbus	
ERTE	tener	
ERTW	tweedyi	
ERUI	uintahensis	
ERUN	uncialis	
ERUR	ursinus	Bear River fleabane
ERUT	utahensis	Utah fleabane
ERVA	vagus	
ERWA	watsonii	Watson fleabane
<u>ERIOG</u>	<u>Eriogonum</u>	<u>Eriogonum or</u>
	spp.	Wild buckwheat
ERAC2	acaule	
ERAL	alatum	Wing eriogonum
ERAM	ampullaceum	
ERAR3	arcatum	
ERAR4	aretioides	
ERAU	aureum	
ERBA2	baileyi	Bailey wild buckwheat
ERBA3	batemanii	Bateman wild buckwheat
ERBI	bicolor	
ERBR2	brevicaule	Shortstem wild buckwheat
ERCA	caespitosum	Mat eriogonum
ERCA4	campanu- latum	
ERCE	cernuum	Nodding eriogonum
ERCH	chryso- cephalum	Goldball eriogonum
ERCL2	clavellatum	
ERCL3	clypeata	
ERC05	collinum	
ERC06	compositum	Northern eriogonum
ERC07	corymbosum	Corymbed eriogonum
ERDA	darrovii	
ERDA2	davisiandum	
ERDE2	deflexum	Skeltonweed wild buckwheat
ERDI5	divaricatum	
ERDO	douglasii	Douglas eriogonum
ERDU	dudleyianum	
EREF	effusum	Rush eriogonum
EREL	elatum	
ERES	esmeraldense	
ERFA	fascicu- latum	Flattop eriogonum
ERFI2	filicaule	
ERFL2	flavum	Yellow eriogonum
ERGL2	glandulosum	
ERGO	gordonii	
ERHE	heermanii	Mohave eriogonum

FORBS

ERIOG	Eriogonum spp.	(con.)
ERHO	hookerii	
ERH02	howellii	
ERIN2	inflatum	Desert trumpet eriogonum
ERJA	jamesii	James eriogonum
ERJ02	jonesii	Jones wild buckwheat
ERKE	kennedyi	Kennedy eriogonum
ERKI	kingii	
ERLA2	lachnogynum	
ERLA3	latens	Inyo eriogonum
ERLE2	lemonii	Lemmon wild buckwheat
ERLE3	leptocladon	
ERLE4	leptophyllum	Slender wild buckwheat
ERLO2	lobbii	Granite eriogonum
ERLO3	loganum	
ERLO2	loncho- phyllum	Umbrella plant
ERMA4	maculatum	
ERMA5	marifolium	Mountain eriogonum
ERME3	mearnsii	
ERMO	monticola	
ERNI	nidularium	Birdsnest eriogonum
ERNI2	niveum	Snow eriogonum
ERNO	nodosum	Sonoran eriogonum
ERNU2	nudicaule	
ERNU	nudum	Barestem eriogonum
ERNU3	nummulae	
ERNU4	nutans	
EROC	ochro- cephalum	Woolly eriogonum
EROS	ostlundii	
ERPA	parryi	
ERPH2	pharna- ceoides	Wirestem eriogonum
ERPI	piperi	Piper eriogonum
ERPL	plumatella	Yucca eriogonum
ERPU3	puberulum	
ERRA	racemosum	Redroot eriogonum
ERRA2	ramosissimum	
ERRE2	reniforme	Kidney-leaved eriogonum
ERRH	rhondanthum	
ERRO	rosense	
ERRU	rubricaulis	Red wild buckwheat
ERSA	salsuginosum	
ERSE	sessile	
ERSH	shockleyi	Shockley wild buckwheat
ERSI2	simpsonii	Simpson wild buckwheat

FORBS

ERIOG	Eriogonum spp.	(con.)
ERSP2	spathulatum	
ERSP3	sperculinum	
ERST2	strictum	
ERSU3	subreniforme	
ERTE2	tenellum	Matted wild buckwheat
ERTH	thomasii	Thomas wild buckwheat
ERTH2	thyoides	Thyme eriogonum
ERTR2	trichopes	Little desert trumpet
ERUM	umbellatum (neglectum)	Sulfur eriogonum
ERVI	villiflorum	
ERV12	vimineum	Broom eriogonum
ERV13	viscidulum	
ERWA2	wahsatchense	
ERWE	wetherillii	
ERWR	wrightii	Wright eriogonum
ERZI	zionis	
ERI03	Eriophyllum spp.	Eriophyllum
ERAM2	ambiguum	
ERLA	lanatum	Woolly eriophyllum
ERLAI	lanatum integrifolium	
ERPR	pringlei	
ERWA3	wallacei	Wallace eriophyllum

FORBS

ERYRTH	Erythronium spp.	Fawnlily or dogtooth violet
ERGR2	grandiflorum	Lambstongue fawnlily
ESCHS	Eschscholtzia spp.	Goldpoppy
ESCA	californica	California poppy
ESGL	glyptosperma	Desert goldpoppy
ESME	mexicana	Mexican goldpoppy
ESMI	minutiflora	Little goldpoppy
EUCLI	Euclidium spp.	
EUSY	syriacum	
EUCNI	Eucnide spp.	Rocknettle
EUUR	urens	Stingbush
EUCRY	Eucrypta spp.	
EUCH	chrysanthemifolia	
EUMI	micrantha	
EUPAT	Eupatorium spp.	Eupatorium
EUHE	herbaceum	White thoroughwort
EUMA	maculatum	Spotted joe-pye-weed
EUOC	occidentale	Western eupatorium
EUPHO	Euphorbia spp.	Euphorbia
EUAL	albo-marginata	Whitemargin euphorbia
EUAR	arizonica	
EUCR	crenulata	Beetle euphorbia
EUCY	cyparissias	Cypress euphorbia
EUDE	dentata	Toothed euphorbia
EUES	esula	Leafy euphorbia
EUFE	fendleri	Fendler euphorbia
EUGL	glyptosperma	Ridgeseed euphorbia
ERYNG	Eryngium spp.	Eryngo
ERAL5	alismaefolium	Inland eryngo
ERAR5	articulatum	Beethistle eryngo
ERYSI	Erysimum spp.	Wallflower
ERAR5	argillosum	
ERAS	asperum	Plains erysimum
ERCH4	cheir-anthoides	Treacle erysimum
ERIN3	inconspicuum (parviflorum)	Smallflower erysimum
ERN13	nivale	Snowy erysimum
ERRE3	repandum	Spreading erysimum
EUNE	nephradenia	
EUOC2	ocellata	
EUPA2	palmeri	Palmer euphorbia
EUPA	parryi	
EUPH	philorus	
EUPO	polycarpa	
EPO2	polygona	Polygon euphorbia
EPRO	robusta	Robust euphorbia
EUSE	serpylli-folia	Thymeleaf euphorbia
EUSE2	setiloba	
EUSP	spathula	Yuma euphorbia

FORBS			FORBS		
FAGON	Fagonia spp.	Fagonia	GALEG	Galega spp.	Goatsrue
FACA	californica	California fagonia	GAOF	officinalis	Common goatsrue
FILAG	Filago spp.	Fluffweed	GALIN	Galinsoga spp.	Quickweed
FICA2	californica	California fluffweed	GAPAO2	parviflora	Little flower quickweed
FLAVE	Flaveria spp.		GALIU	Galium spp.	Bedstraw
FLCA	campetris		GAAPA	aparine	Catchweed
FLOER	Floerkea spp.	False mermaid	GAAPE	aparine	bedstraw
FLPR	proserpina- coides	False mermaid	GABI	echinospermum	
FOENI	Foeniculum spp.	Fennel	GABI	bifolium	Twinleaf
FOVU	vulgare	Common fennel	GABO	boreale	Northern bedstraw
FRAGA	Fragaria spp.	Strawberry	GACO2	coloradoense	
FRVE	vesca	European strawberry	GAGR	grayanum	
FRVI	virginiana	Virginia strawberry	GAHY	hypotrichium	
FRANS	Franseria spp.	(see Ambrosia)	GAMA	magnifolium	
FRASE	Frasera spp.	Frasera or Elkweed	GAME2	mexicanum (aspernum)	Rough bedstraw
FRAL2	albicaulis		GAMU	multiflorum	Shrubby bedstraw
FRAL	albomargin- ata	Whitemargin frasera	GAMU3	munzii	Munz bedstraw
FRMO2	montana	Small frasera	GAPA3	parishii	Parish bedstraw
FRPA	paniculata		GAPR	proliferum	
FRPU2	puberulenta		GARO	rothrockii	Rothrock bedstraw
FRSP	speciosa	Showy frasera	GARU	rubioides	
			GASE	serpenticum	
			GAST	stellatum	
			GATR	trifidum	Small bedstraw
			GATR2	triflorum	Sweetscented bedstraw
			GAWA	watsonii	
FRITI	Fritillaria		GAURA	Gaura spp.	Gaura
FRAT	spp. atropurpurea	Fritillary Purplespot fritillary	GACO	coccinea	Scarlet gaura
FRPI	pinetorum	Pinewoods fritillary	GAPA4	parviflora	Small flower
FRPU	pudica	Yellow fritillary	GAYOP	Gayophytum spp.	Groundsmoke
FRRE	recurva	Scarlet fritillary	GAHU2	humile	
FUMAR	Fumaria spp.	Fumitory	GANU	nuttallii (diffusum)	Bigflower groundsmoke
FUOF	officinalis	Drug fumitory	GARA2	racemosum (caesium)	Branchy groundsmoke
GAILL	Gaillardia spp.	Gaillardia; blanketflower	GARA	ramosissimum	
GAAR	aristata	Common perennial gaillardia	GENTI	Gentiana spp.	Gentian
GAAR2	arizonica		GEAF	affinis	Rocky Mountain pleated gentian
GAFL	flava		GEAL	algida	
GAME	mearnsii		GEAMH	amarella	Annual
GAMU2	multiceps		GEBA	heterosepala	gentian
GAPA	parryi		GECA	barbellata	
GAPI	pinnatifida	Blanket flower		calycosa	Rainier pleated gentian
GASP	spathulata				

FORBS

GENTI	Gentiana spp.	(con.)
GEDE	detonsa	
GEFR2	fremontii	
GEHO	holopetala	
GENE	newberryi	Newberry gentian
GEOR	oregana	Oregon gentian
GEPA	parryi	Parry gentian
GEPR	prostrata	
GESI	simplex	
GETE	tennella	
GERAE	Geraea spp.	Desertgold
GECA2	canescens	
GERAN	Geranium spp.	Geranium
GEBI	bricknellii	Bricknell
GECA3	caespitosum	Purple geranium
GECA4	carolini-	
	anum	Carolina geranium
GEFR	fremontii	Fremont geranium
GEMA2	marginale	
GENE2	nervosum	
GEPA2	parryi	Parry geranium
GEPR2	pratense	Meadow geranium
GEPU	pusillum	Small geranium
GERI	richard-	
	sonii	Richardson geranium
GESA	sanguineum	Bloodred geranium
GETUM	tuberosum	
	macrostylum	
GEVIN	viscosissi-	
	mum	
	nervosum	Sticky geranium
GEVIV	viscosissi-	
	mum	
	viscosissi-	
	mum	
GEUM	Geum spp.	Avens
GEAL2	aleppicum	Aleppo avens
GEMA	macrophyllum	Largeleaf avens
GERO	rossii	Golden avens
GETR	triflorum	
GILIA	Gilia spp. (see Ipomopsis)	Gilia
GIAL	aliquanta	
GIAU	austroocci-	
	dentalis	
GIBR	brecciarum	
GICA5	caespitosa	
GICA	calcarea	Sticky gilia
GICA2	campanulata	
GICA3	cana	
GICA4	capillaris	Hairstem gilia
GICL	clokeyi	

FORBS

GILIA	Gilia spp.	(con.)
GIDE	depressa	
GIFI	filiformis	
GIGI	gilioides	
GIGU	gumnisonii	
GIHU	hutchini-	
	folia	
GIIN	inconspicua	Shy gilia
GIIN2	interior	
GIIN3	inyoensis	
GILA	latifolia	
GILE	leptantha	
GILE2	leptomeria	
GILO	longiflora	
GIMC	mcvickerae	
GIMO	modocensis	
GIMU	multiflora	
GIOP	ophthalmoides	
GIPO	polyantha	
GIPO2	polycladon	
GIPU	pumila	Dwarf gilia
GIRI	ripleyi	
GIRO	roseata	
GISC	scopulorum	
GISIT	sinuata	
	tweedyi	
GISP	spicata	Spike gilia
GIST	stellata	
GISU	subnuda	
GITE	tenerima	
GITE2	tenuituba	
GITR	transmontana	
GIVI	violaceum	
GLAUC	Glaucocarpum	
	spp.	
GLSU	suffrutescens	
GLAUX	Glaux spp.	Saltwort; sea
		milkwort
GLMA	maritima	Sea milkwort
GLCY	Glycyrrhiza	
	spp.	Licorice
GLGL	glabra	Common licorice
GLLE	lepidota	American licorice
GLYPT	Glyptopleura	
	spp.	
GLMA2	marginata	
GLSE	setulosa	
GNAPH	Gnaphalium spp.	Cudweed;
		everlasting
GNCH	chilense	Cottonbatting cudweed

FORBS

GNAPH	Gnaphalium spp. (con.)	
GNGR	grayi	
GNMA	macounii	Clammy cudweed
GNPA	palustre	
GOODY	Goodyera spp.	Rattlesnake plantain
GOOB	oblongifolia	Western rattlesnake plantain
GORE	repens	Creeping rattlesnake plantain
GRATI	Gratiola spp.	Hedge-hyssop
GREB	ebbracteata	
GRNE	neglecta	
GRIND	Grindelia spp.	Gumweed; bumplant, resinweed
GRAP	aphanactis	
GRCA	camporum	Field gumweed
GRFA	fastigiata	
GRLA	laciniata	
GRNA	nana	Low gumweed
GRSQ	squarrosa	Curlycup gumweed
GYMNO	Gymnocarpium	
	spp.	Oak fern
GYDR	dryopteris	Oak fern
GYMN3	Gymnosteris	
	spp.	
GYNU	nudicaulis	
GYPA	parvula	
GYPSO	Gypsophila spp.	Gypsophila
GYPA2	paniculata	Babysbreath
GYPE	perfoliata	Clasping
HABEN	Habenaria spp.	Habenaria, rain orchid, bog-orchid
HADID	dilatata	
	dilatata	White bog-orchid
HADIL	dilatata	
	leucosta- chys	Milkwhite habenaria
HAOB	obtusata	
HASA	saccata	Modoc habenaria
HASP	sparsiflora	Canyon habenaria
HAUN	unalascensis	Alaska habenaria
HAVI	viridis	Satyr habenaria

FORBS

HACKE	Hackelia spp.	Stickseed, wild forget-me-not
HACI	cinerea	
HACU	cusickii	
HADI2	diffusa	Spreading stickseed
HAFL	floribunda	Showy stickseed
HAJE	jessicae	Jessicae stickseed
HAPA	patens	
HALI2	Halimolobos	
	spp.	Halimolobos
HADI3	diffusa	
HAPEP	perplexa	
	perplexa	Puzzling halimolobos
HAPEI	perplexa	
	lembhiensis	
HAVI2	virgata	
HALOG	Halogeton spp.	Halogeton
HAGL	glomeratus	Halogeton
HAPLO	Haplopappus	
	spp.	
	(Aplopappus)	Goldenweed
HAAB	aberrans	
HAAC	acaulis	Stemless goldenweed
HAAP	apargioides	
HAAR	armeriooides	Thrifty goldenweed
HACA	carthamooides	
HACL	clementis	
HACO	contractus	
HACO2	cooperi	Cooper goldenweed
HACR	croceus	
HADR	drummondii	Drummond goldenweed
HAGR	gracilis	Slender goldenweed
HAGR2	greenei	Greenes goldenweed
HAHI	hirtus	
HAIN	insecti- cruris	Wholeleaf goldenweed
HALA	lanceolatus	Lanceleaf goldenweed
HALA2	lanuginosus	
HALY	lyallii	
HANU	nuttallii	
HAPA2	parryi	
HAPY	pygmaeus	
HASP2	spinulosus	Ironplant goldenweed
HAST	stenophyllus	
HAUN2	uniflorus	Plantain goldenweed
HARBO	Harbouria spp.	
HATR	trachyleura	
HECAS	Hecastocleis	
	spp.	
HESH	shockleyi	

FORBS

HEDEO	Hedeoma spp.	Mock pennyroyal
HENAN	nanum	
HEDYS	Hedysarum spp.	Sweetvetch
HEBO	boreale (cinerascens)	Northern sweetvetch
HEBOG	boreale germinale	Utah sweetvetch
HECO	coronarium	Sulla sweetvetch
HEGR	gremiale	
HEOC	occidentale	Western sweetvetch
HESU	sulphure-scens	Sulfur sweetvetch
HELEN	Helenium spp.	Sneezeweed
HEAU	autumnale	Common sneezeweed
HEBI	bigelovii	Bigelow sneezeweed
HEHO	hoopesii	Orange sneezeweed
HELIA	Helianthella spp.	Helianthella
HECA	californica	California helianthella
HEMI	microcephala	
HEQU	quinquenervis	Fivenerve helianthella
HEUN	uniflora	Oneflower helianthella
HELI2	Helianthus spp.	Sunflower
HEAN	annuus	Common sunflower
HEAN2	anomalus	
HECU	cusickii	
HEDE	deserti-colus	
HEGRS	grosse serratus	Sawtooth sunflower
HEMA	maximiliananus	Maximilian sunflower
HENU	nuttallii	
HEPE	petiolaris	Prairie sunflower
HELI0	Heliotropium spp.	Heliotrope
HECO2	convolvulaceum	Bindweed heliotrope
HECU2	curassavicum	Salt heliotrope
HERAC	Heracleum spp.	Cowparsnip
HELA	lanatum	Common cowparsnip
HERMI	Hermidium spp.	
HEAL	alipes	

FORBS

HESPE	Hesperochiron spp.	
HECA2	californicus	
HEPU	pumilus	
HETER	Heterocodon spp.	
HERA	rariiflorum	
HETE2	Heterotheca spp. (chrysopsis)	Goldaster
HEBR	breweri	Brewer goldaster
HEFO	foliosa	Leafy goldaster
HEJO	jonesii	
HEVI	villosa	Hairy goldaster
HEUCH	Heuchera spp.	Alumroot
HECY	cylindrica (ovalifolia)	Roundleaf alumroot
HEDU	duranii	
HEGR2	grossulariifolia	
HEPA	parvifolia	Littleleaf alumroot
HERU	rubescens	Red alumroot
HEVE	versicolor	Painted alumroot
HIBIS	Hibiscus spp.	Rosemallow
HITR	trionum	Flower-of-an-hour
HIERA	Hieracium spp.	Hawkweed
HAL	albiflorum	White hawkweed
HICY	cynoglossoides	Houndstongue hawkweed
HIFE	fenneri	
HIGR	gracile	Slender hawkweed
HISC	scouleri	Woollyweed
HIPPO	Hippocrateis spp.	
HICO	comosa	
HIGL	glauca	
HIMU	multisiliquosa	
HIPPU	Hippuris spp.	Marestail
HIVU	vulgaris	Marestail
HOFFM	Hoffmanseggia spp.	
HORE	repens	Rushpea
HOFME	Hofmeisteria spp.	
HOPL	pleuriseta	Bush arrowleaf
HOLOS	Holosteum spp.	
HOUM	umbellatum	
HORKE	Horkelia spp.	Horkelia
HOFU	fusca	Tawni horkelia
HOHI	hispidula	

FORBS

HULSE	Hulsea spp.
HUAL	algida
HUHE	heterochroma
HUVE	vestita
HUMUL	Humulus spp.
HUAM	americanus
HULU	lupulus
HUTCH	Hutchinsia spp.
HUPR	procumbens
HYDRO	Hydrocotyle spp.
HYVE	verticillata
HYDR2	Hydrophyllum spp.
HYCA	capitatum
HYFE	fendleri
HYOC	occidentale
HYME2	Hymenopappus
HYFIF	filifolius
	filifolius
HYFIC	filifolius
	cinerus
HYFIE	filifolius
	eriopodus
HYFII	filifolius
	idahoensis
HYME3	Hymenoxyss spp.
HYAC	acaulis
HYCO	cooperi
HYGR	grandiflora
HYHE	helenioides
HYIV	ivesiana
HYLE	lemonnii
HYRI	richardsonii
HYSC	scaposa
HYSU	subintegra
HYTO	torreyana
HYOSC	Hyoscyamus spp.
HYNI	niger
HYPER	Hypericum spp.
HYAN	anagalloides
HYFO	formosum
HYPE	performatum
HYFOS	scouleri
HYSSO	Hyssopus spp.
HYOFA	officinalis
	albus
HOPP	Hop
HOPA	American hop
HOPC	Common hop
HOPH	Hop
HOPM	Whorled pennywort
HOPW	Pennywort
HOPX	Waterleaf
HOPY	Ballhead waterleaf
HOPZ	Fendler waterleaf
HOPA	Western waterleaf
HOPB	Hymenopappus
HOPC	Fineleaf hymenopappus
HOPD	Hymenopappus
HOPE	Hymenopappus
HOPF	Hymenopappus
HOPG	Hymenopappus
HOPH	Hymenoxys
HOPI	Stemless hymenoxys
HOPJ	Graylocks hymenoxys
HOPK	helenioides
HOPL	ivesiana
HOPM	lemonnii
HOPN	richardsonii
HOPP	Pingue hymenoxys
HOPQ	scaposa
HOPR	subintegra
HOPS	torreyana
HOPV	Henbane
HOPW	Black henbane
HOPX	St. Johns-wort
HOPY	Trailing St. Johns-wort
HOPZ	Southwestern St. Johns-wort
HOPA	St. Johns-wort
HOPB	Klamath weed
HOPC	Scouler
HOPD	St. Johns-wort
HOPE	Hyssop
HOPF	Hyssop

FORBS

IDAH0	Idahoa spp.
IDSC	scapigera
ILIAM	Iliamna spp.
ILGR	grandiflora
ILIR	rivularis
	rivularis
ILRID	rivularis
	diversa
INULA	Inula spp.
INHE	helenium
IPOMP	Ipomopsis spp. (Gilia)
IPAG	aggregata
IPCO	congesta
IRIS	Iris spp.
IREN	ensata
IRGE	germanica
IRMI	missouriensis
ISATI	Isatis spp.
ISTI	tinctoria
ISOET	Isoetes spp.
ISBO	bolanderi
ISHO	howellii
ISME	melanopoda
ISNU	nuttallii
ISOC	occidentalis
IVA	Iva spp.
IVAX	axillaris
IVNE	nevadensis
IVXA	xanthifolia
IVESI	Ivesia spp.
IVBA	baileyi
IVGO	gordonii
IVKI	kingii
IVLY	lycopoidoides
IVPU	purpurascens
IVSA	sabulosa
IVUT	utahensis
IVWE	webberi
KELLO	Kelloggia spp.
KEGA	galoides
KELSE	Kelseya spp.
KEUN	uniflora

FORBS			FORDS		
KOCHI	Kochia spp.	Summer cypress	LEPID	Lepidium spp.	Pepperweed
KOAC	californica	California summer cypress	LEBA2	barnebyanum	
KOIN	indica		LECA2	campestre	Field pepperweed
KOIR	iranica		LEDA	davisi	
KOSP	scoparia	Belvedere summer cypress	LEDED	densiflorum	Prairie
KUHN1	Kuhnia spp.	False boneset	LEDEP	densiflorum	pepperweed
KUEU	eupatoroides		LEDI	pubicarpum	
LACTU	Lactuca spp.	Lettuce	LEFL	dictyotum	
LACA	canadensis	Canada lettuce	LEFR	flavum	
LAPU	pulchella	Chicory lettuce	LELA2	fremontii	Desert pepperweed
LASE	serriola (integrata)	Prickly lettuce	LEMEM	lasiocarpum	
LAGOP	Lagophylla spp.		LEMOP	montanum	Mountain pepperweed
LARA	ramosissima		LENA	montanum	
LAMIU	Lamium spp.	Deadnettle	LEPE	papilliferum	
LAAM	amplexicaule	Henbit deadnettle	LEPU2	nanum	Clasping pepperweed
LAPU2	purpureum	Purple deadnettle	LEVI	perforiatum	
LANG1	Langloisia spp.		LESPE	pubescens	
LAMA	matthewsii		LECU	virginicum	Virginia pepperweed
LAPU3	punctata		LEPE2		
LASC	schottii		LEST		
LASE2	setosissima		LESQU	Lespedeza spp.	Lespedeza
LAPPU	Lappula spp.	Stickseed	LEAL	cuneata	Chinese lespedeza
LAEC	echinata	European stickseed	LEAR	penduliflora	
LAOC	occidentalis (redowskii)	Annual stickseed	LEBA	stipulacea	Korean lespedeza
LATHY	Lathyrus spp.	Peavine	LECA4		
LAAR	arizonicus	Arizona peavine	LECA5		
LABI	bijugatus	Dark park peavine	LECI		
LABR	brachycalyx		LECO		
LAEU	eucosmus	Bush peavine	LEFE		
LALA	lanszwertii	Thickleaf peavine	LEGA		
LALA2	latifolius	Perennial peavine	LEGO		
LALE	leucanthus	Aspen peavine	LEHE		
LANE	nevadensis	Nevada peavine	LEHI		
LAOD	odoratus	Sweetpea	LEIN		
LAPA	pauciflorus	Fewflower peavine	LEKI		
LARI	rigidus		LELA3		
LASY	sylvestris	Flat peavine	LELU		
LAZI	zionis	Utah peavine	LEMA		
LAYIA	Layia spp.	Tidytips	LEMU		
LAGL	glandulosa	Whitedaisy tidytips	LEOC		
LEMNA	Lemna spp.	Duckweed	LEPA2		
LEGI	gibba	Swollen duckweed	LEPR		
LEMI	minima	Least duckweed	LERE2		
LEMI2	minor	Common duckweed	LERU		
LETB	trisulca	Star duckweed	LESH		
LEVA	valdiviana				
LEONU	Leonurus spp.	Motherwort			
LECA	cardiaca	Common motherwort			

FORBS

LESQU	Lesquerella spp. (con.)	
LESU	subumbellata	
LETE	tenella	
LETU	tumulosa	
LEUT	utahensis	
LEWA2	wardii	Ward bladderpod
LEUCE	Leucelene spp.	Aster
LEER	ericoides	Heath aster
LEUCO	Leucocrinum spp.	Starlily
LEMO2	montanum	Common starlily
LEWIS	Lewisia spp.	Lewisia
LEBR	brachycalyx	
LECO2	columbiana	Columbia lewisia
LEKE	kelloggii	Kellogg lewisia
LEMA2	maguirei	
LEPYP	pygmaea	Least lewisia
LEPYN	pygmaea nevadensis	Nevada lewisia
LERE	rediviva	Bitterroot lewisia
LETR2	trifylla	Threeleaf lewisia
LIATR	Liatris spp.	Gayfeather
LIPU3	punctata	Dotted gayfeather
LIGUS	Ligusticum spp.	Ligusticum or Lovage
LIAM	amurense	
LICA	canbyi	
LIFIF	filicinum	Fernleaf
	filicinum	ligusticum
LIGR	grayi	Grays ligusticum
LIPO	porteri	Porter ligusticum
LITE	tenuifolium	Slender-leaved ligusticum
LILAE	Lilaea spp.	Lilaea
LISC	scilloides	Awlleaf lilaea
LILIU	Lilium spp.	Lily
LICO	columbianum	Columbia lily
LIPA3	parvum	Sierra lily
LIUM	umbellatum	Western orange-cup lily
LIMOS	Limosella spp.	Mudwort
LIAQ	aquatica	Water mudwort
LINAN	Linanthastrum spp.	
LIME	melingii	
LINU	nuttallii	Nuttall gilia

FORBS

LINA2	Linanthus spp.	
LARI2	arenicola	
LIAU	aureus	Yellow gilia
LIBI	bigelovii	Painted trumpet
LICI	ciliatus	
LIDE2	demissus	Bell trumpet
LIDI	dichotomus	Evening-snow gilia
LIHA	harknessii	Harkness gilia
LIPA2	parryae	
LIPH	pharnaceoides	
LISE	septentrionalis	
LINAR	Linaria spp.	Toadflax
LIDA	dalmatica	Dalmatian toadflax
LIGE	genistifolia	Broomleaf toadflax
LIVU	vulgaris	Butter-and-eggs toadflax
LINDE	Lindernia spp.	False pimpernel
LIAN	anagallidea	
LIDU	dubia	
LINNA	Linnaea spp.	Twinflower
LIBO	borealis	Longtube twinflower
LINUM	Linum spp.	Flax
LIAR	aristatum	
LIKI	kingii	King flax
LILE2	leptopoda	
LILE	lewissii	Lewis flax
LIMI	micranthum	
LIRI	rigidum	Stiffstem flax
LIUS	usitatissimum	Common flax
LISTE	Listera spp.	Listera
LIBO2	borealis	
LICA2	caurina	Northwestern listera
LICO2	convallariooides	
LICO3	cordata	Northern listera
LITHO	Lithophragma spp.	Woodlandstar
LIBU	bulbifera	
LIGL	glabra	
LIPA	parviflora	Smallflower woodlandstar
LIRU2	rupicola	
LITE	tenella	Slender woodlandstar

FORBS

LITH2	Lithospermum spp.	Gromwell; stoneseed
LIAR3	arvense	Corn gromwell
LIIN	incisum	Narrowleaf gromwell
LIMU	multiflorum	Manyflower gromwell
LIOF	officinale	
LIRU	ruderale	Wayside gromwell
LLOYD	Lloydia spp.	Alplily
LLSE	serotina	Common alplily
LOBEL	Lobelia spp.	Lobelia
LOCA	cardinalis	Cardinalflower
LOEFL	Loeflingia spp.	
LOSQ	squarrosa	
LOMAT	Lomatium spp.	Desert parsley, biscuitroot, lomatium
LOAM	ambiguum	Wyeth biscuitroot
LOBI	bicolor	Wasatch biscuitroot
LOCA2	canbyi	Canby biscuitroot
LOCI	circumdatum	Wallowa biscuitroot
LOCO	cous	Cous biscuitroot
LODI	dissectum	Carrotleaf leptotaenia
LODO	donnellii	Donnell biscuitroot
LOGR	grayi	Gray lomatium
LOHE	hendersonii	Henderson lomatium
LOID	idahoense	
LOJU	juniperium	Juniper lomatium
LOLA	latilobum	
LOLE	leptocarpum	Bicolor biscuitroot
LOMA	macdougalii	MacDougal lomatium
LOMA2	macrocarpum	Bigseed lomatium
LOME	megarrhizum	
LOMI	minimum	
LOMO	mohavense	Mohave lomatium
LOMO2	montanum	
LONE	nevadense	Nevada lomatium
LONU2	nudicaule	Barestem lomatium
LONU	nuttallii	Nuttall lomatium
LOOR	orientale	Oriental lomatium
LOPA	parryi	Parry lomatium
LOPL	plummarae	Plummer lomatium
LORA	ravenii	Raven lomatium
LOSC	scabrum	Rough lomatium
LOTRT	triternatum	Narrowleaf lomatium
LOTTRP	triternatum (simplex)	Nineleaf lomatium
LOTUS	Lotus spp.	Deervetch
LOAR2	arenarius	

FORBS

LOTUS	Lotus spp. (con.)	
LOCOS	corniculatus	Birdsfoot deervetch
LOCR	crassifolius	Big deervetch
LOHU	humistratus	Foothill deervetch
LOLO	longibractetatus	Longbract deervetch
LOME2	mearnsii	Mearns deervetch
LONE2	nevadensis	Nevada deervetch
LOOB	oblongifolius	Stream deervetch
LOPI	pinnatus	Meadow deervetch
LOPU	purshianus	Pursh deervetch
LORI2	rigidus	Shrubby deervetch
LOSA	salsuginosus	
LOTO	tomentellus	Desert deervetch
LOUT2	utahensis	Utah deervetch
LOWR	wrightii	Wright deervetch
LUDWI	Ludwigia spp.	Seedbox
LUPA4	palustris	
LUPIN	Lupinus spp.	Lupine
LUAL	alpestris	Mountain lupine
LUAM	ammophilus	Sand lupine
LUAN	andersonii	Anderson lupine
LUARC	arbustus	
LUAR	calcaratus	
LUAR	argenteus	Silvery (spathulatus) lupine
LUAR2	arizonicus	Arizona lupine
LUBA	barbiger	
LUBR	brevicaulis	Shortstem lupine
LUCA	caudatus	Tailcup lupine
LUCO	concinnum	Bajada lupine
LUDU	duranii	Inyo lupine
LUFL	flavoculatus	
LUFU	fulcratus	
LUGR	grayi	Grays lupine
LUHO	holmgrenanus	Holmgren lupine
LUHO2	holosericeus	
LUIN	inyoensis	
LUKI	kingii	Kings lupine
LULA	latifolius	Broadleaf lupine
LULE2	lepidus	Pacific lupine
LULE	leucophyllus	Velvet lupine
LUMA	malacophyllus	
LUME	meionanthus	Tahoe lupine
LUMO	montigenus	
LUNA	nanus	Sky lupine
LUNE	nevadensis	Nevada lupine
LUOD	odoratus	Mohave lupine
LUON	onustus	Ground lupine
LUOS	osterhoutianus	Osterhout lupine
LUPA2	pachylobus	Bigpod lupine
LUPA3	palmeri	Palmer lupine

FORBS

LUPIN	Lupinus spp.	(con.)
LUPO	polyphyllus	Washington lupine
LUPU	Pusillus	Rusty lupine
LURU	rubens	Yelloweye lupine
LUSA	saxosus	Rock lupine
LUSE	sericeus	Silky lupine
LUSH	shockleyi	Desert lupine
LUSP	sparsiflorus	Coulter lupine
LUSU	subvexus	
LUUM	uncialis	
LUWY	wyethia	
LYCHN	Lychnis spp.	Campion
LYAL	alba	Evening campion
LYAP	apetala	
LYCO	coronaria	Rose campion
LYDRD	drummondii	Drummond campion
LYDRS	drummondii striata	
LYKI	kingii	Kings campion
LYCOP	Lycopus spp.	Bugleweed
LYAM	americanus	American bugleweed
LYAS	asper	Rough bugleweed
LYGOD	Lygodesmia spp.	Skeletonplant; skeletonweed
LYEX	exigua	
LYGR	grandiflora	
LYJU	junccea	Rush skeletonplant
LYSP	spinosa	Thorn skeletonplant
LYSIM	Lysimachia spp. (Steironema)	Loosestrife
LYCI	ciliatum	Fringed loosestrife
LYLA	lanceolatum	
LYTH	thrysiflora	Water loosestrife
LYTHR	Lythrum spp.	Lythrum
LYCA	californicum	
LYRO	roseum	
LYSA	salicaria	Purple lythrum
MACHA	Machaeranthera spp.	Aster
MABI	bigelovii	Bigelow aster
MACA	canescens	Hoary aster
MACO	commixta	
MAGL2	glabriuscula	Alkali aster
MAGR	grindelioides	
MAGR	grindelioides	
MAKI	depressa	
MALA	kingii	
MALE	laetevirens	
	leucanthemifolia	Daisyleaf aster

FORBS

MACHA	Machaeranthera spp.	(con.)
MALI	linearis	
MAMU	mucronata	
MAPA	parviflora	
MASH	shastensis	
MATA	tenacetifolia	Tansyleaf aster
MATE	tephrodes	
MATO	tortifolia	Mohave aster
MAVE	venusata	
MACH2	Machaerocarpus spp.	Damasonium
MACA2	californicus	California damasonium
MADIA	Madia spp.	Tarweed
MAEX	exigua	
MAGL	glomerata	Cluster tarweed
MAGR	gracilis	
MALAC	Malacothrix spp.	Desert dandelion
MACO2	coulteri	Snakes-head
MAGL3	glabrata	Desert-dandelion
MASO	sonchoides	Sowthistle malacothrix
MATO2	torreyi	
MALAX	Malaxis spp.	Addermouth orchid
MABR	brachypoda	Sheath adder-mouth orchid
MALCO	Malcolmia spp.	Mustard
MAAF	africana	African mustard
MALVA	Malva spp.	Mallow
MANE	neglecta (rotundifolia)	Running mallow
MALV2	Malvastrum spp.	False mallow
MAEX2	exile	
MARO	rotundifolium	Running mallow
MAMMI	Mammillaria spp. (Coryphantha)	mammillaria
MAMI	microcarpa	Fishhook mammillaria
MATE2	tetrancistra	
MARRU	Marrubium spp.	Horehound
MAVU	vulgare	Common horehound
MARSI	Marsilea spp.	Pepperwort
MAMU2	mucronata	
MATRI	Matricaria spp.	Mayweed
MAMA	matricarioides	Pineappleweed

FORBS

MAURA	Maurandia spp.	Maurandia
MAAN	antirrhini-	
	flora	
<u>MEDIC</u>	Medicago spp.	Medick, alfalfa
MEFA	falcatus	Sickle alfalfa
MEGL	glomerata	
MEGL2	glutinosa	
MEHI	hispida	California burclover
MELU	lupulina	Black medick
MEMI	minima	Little medick
MEOR	orbicularis	Button medick
MEPL	platycarpa	
MEPO	polymorpha	
MESA	sativa	Alfalfa
MESAL	sativa	Ladak alfalfa ladak
MESAN	sativa	Nomad alfalfa nomad
MESAR	sativa	Rambler rambler
MESO	sogiana	alfalfa
METI	tianchanica	
METU	turbinata	
<u>MELIL</u>	Melilotus spp.	Sweetclover
MEAL	alba	White sweetclover
MEIN	indica	Annual yellow sweetclover
MEOF	officinalis	Yellow sweetclover
MESU2	sulcata	
<u>MELIS</u>	Melissa spp.	Balm
MEOF2	officinalis	Common balm
<u>MENTH</u>	Mentha spp.	Mint
MEAR	arvensis	
	(canaden-	
	(sis)	Field mint
MEPI	piperita	Peppermint
MESP3	spicata	Spearmint
<u>MENTZ</u>	Mentzelia spp.	Mentzelia
MEAL2	albicaulis	Whitestem mentzelia
MEAR2	argillosa	
MECH	chrysanthia	
MECO	congesta	
MECR	cronquistii	
MEDE	decapetala	Tenpetal mentzelia
MEDI	dispersa	Bushy mentzelia
MEHU	humilis	
MELA2	laevicaulis	Blazingstar mentzelia
MELE	leucophylla	
MEMO	mollis	
MEMO2	montana	
MEMU	multiflora	Desert mentzelia
MENI	nitens	

FORBS

<u>MENTZ</u>	Mentzelia spp.	(con.)
MEPO3	polit	
MEPT	pterosperma	
MEPU	pumila	Golden blazingstar
MERY	rusbji	
METO	torreyi	
METR	tricuspis	
MEVE	veatchiana	
<u>MENYA</u>	Menyanthes spp.	Bogbean
METR2	trifoliata	Common bogbean
<u>MERTE</u>	Mertensia spp.	Bluebells
MEARL	arizonica	
	leonardi	Tall bluebells
MEBR	brevistyla	Shortstyle bluebells
MECA	campanulata	Idaho bluebells
MECI	ciliata	Mountain bluebells
MEFR2	franciscana	Franciscan bluebells
MEFU2	fusiformis	Spindleroot bluebells
MELA	lanceolata	Lanceleaf bluebells
MELO	longiflora	Small bluebells
MEMA	macdougalii	
MEOB	oblongifolia	Oblongleaf bluebells
MEPA	paniculata	Panicle bluebells
METO2	toiyabensis	
MEVI	viridis	Greenleaf bluebells
	(amoena)	
MEVI2	viridis	Greenleaf bluebells
	(foliosa)	
<u>MICRO</u>	Microseris spp.	Microseris
MILI	lindeyi	
MINI	nigrescens	
MINU	nutans	Nodding microseris
<u>MICR2</u>	Microsteris	
	spp.	
MIGR	gracilis	
<u>MIMUL</u>	Mimulus spp.	Monkeyflower
MITAU	austinae	
MIBI	bigelovii	
MIBR	brachystylis	
MIBR2	brieflorus	

FORBS

MIMUL	Mimulus spp.	(con.)
MIBR3	breweri	Brewer monkeyflower
MICA	cardinalis	Crimson monkeyflower
MICO	coccineus	
MICU	cusickii	
MIDE	densus	
MIEA	eastwoodiae	
MIFL	floribundus	Purplestem monkeyflower
MIGLF	glabrus	
	fremontii	
MIGLU	glabrus	
	utahensis	
MIGU	guttatus	Common monkeyflower
MILE2	leptanthus	Slender monkeyflower
MILE	lewisii	Lewis monkeyflower
MIMO	moschatus	Muskplant monkeyflower
MINA	nanus	Dwarf monkeyflower
MIPA	parryi	
MIPI	pilosus	
MIPR	primuloides	Primrose monkeyflower
MIRE	reifschneiderae	
MIRU	rubellus	
MISP	spissus	
MISU	suksdorffii	
MITI	tilingii	
MITO	torreyi	
MIWA	washingtonensis	
MIRAB	Mirabilis spp.	Four-o'clock
MIBIB	bigelovii	Bigelow four-o'clock
	bigelovii	four-o'clock
MIBIR	bigelovii	Wishbone plant
	retroscra	
MIFR	froebeilia	
MIJA	jalapa	Prairie four-o'clock
MILA	laevis	
MIMU	multiflora	Colorado four-o'clock
MIOX	oxybaphoides	
MIPU	pudica	
MITEL	Mitella spp.	Miterwort
MICA2	caulescens	
MIPE	pentandra	Fivestamen miterwort
MIST2	stauropetala	
MIST	stenopetala	Smallflower miterwort
MOHAV	Mohavea spp.	Mohavea
MOBR	breviflora	
MOCO	confertiflora	
MOLDA	Modavica spp.	Dragonhead
MOPA	parviflora	American dragonhead

FORBS

MOLLU	Mollugo spp.	Carpetweed
MOVE	Verticillatta	Carpetweed
MOLUC	Moluccella spp.	Molucca-balm
MOLA	laevis	Asian Molucca-balm
MONAR	Monarda spp.	Beebalm
MOFI	fistulosa	Wildbergamot bee-balm
MOPE	pectinata	Pony bee-balm
MONA2	Monardella spp.	Monardella
MOLA2	lanceolata	
MOLI	linoides	Narrowleaf monardella
MOOD	odoratissima	Pacific monardella
MONOD	Monodora spp.	Monodora
MOME	methaeifolia	
MOSC	scabra	Rough monodora
MOSP	spinescens	Spiny monodora
MONOL	Monolepis spp.	Monolepis
MONU	nuttalliana	Nuttall monolepis
MOPU	pusilla	
MOSP2	spathulata	
MONOP	Monoptilon spp.	
MOBE	bellioides	
MONTI	Montia spp.	Indian lettuce or Miners lettuce
MOAR	arenicola	
MOCH	chamissoi	Water montia
MOCO2	cordifolia	
MOHA	halli	
MOLI2	linearis	Lineleaf miners lettuce
MOPA2	parviflora	Littleleaf montia
MOPE2	perfoliata	Miners lettuce
MOSI	sibirica	Siberian miners lettuce
MOSP3	spathulata	
MORTO	Mortonia spp.	Mortonia
MOUT	utahensis	Utah mortonia
MUILL	Muilla spp.	
MUTR	transmontana	
MUSIN	Musineon spp.	Musineon
MUDI	divaricatum	Leafy musineon
MULI	lineare	
MUTE	tenuifolium	

FORBS			FORBS		
MYOSO	<i>Myosotis</i> spp.	Forget-me-nots	NEPET	<i>Nepeta</i> spp.	Nepeta
MYAL	<i>alpestris</i>	Alpine forget-me-not	NECH	chavdron	
MYLA	<i>laxa</i>	Bay forget-me-not	NEIT	italica	
MYSC	<i>scorpioides</i>	True forget-me-not	NEVE	veitchi	
MYOSU	<i>Myosurus</i> spp.	Mousetail	NICOT	<i>Nicotiana</i> spp.	Tobacco
MYAR	<i>aristatus</i>		NIAT	<i>attenuata</i>	Coyote tobacco
MYCU	<i>cupulatus</i>		NIPA	<i>palmeri</i>	
MYMI	<i>minimus</i>	Tiny mousetail	NITR	<i>trigonophylla</i>	Desert tobacco
MYRIO	<i>Myriophyllum</i> spp.	Parrotfeather water milfoil	NITRO	<i>Nitrophila</i> spp.	Niterwort
MYBR	<i>brasiliense</i>	Brazilian parrotfeather	NIOC	<i>occidentalis</i>	
MYHI	<i>hippuroides</i>		NOLIN	<i>Nolina</i> spp.	Nolina
MYSPI	<i>spicatum</i>		NOBI	<i>bigelovii</i>	Bigelow nolina
NAJAS	<i>Najas</i> spp.	Naiad	NOTHO	<i>Nothocalais</i> spp.	
NAFL	<i>flexilis</i>	Slender naiad	NOAL	<i>alpestris</i>	
NAGU	<i>guadalupensis</i>	Southern naiad	NOTR	<i>troximoides</i>	
NAMA	<i>mariana</i>	Spiny naiad	NOTH2	<i>Notholaena</i> spp.	Cloakfern
NAMA2	<i>Nama</i> spp.	Nama	NOJO	<i>jonesii</i>	Jones cloakfern
NAAR	<i>aretioides</i>		NOLI	<i>limitanea</i>	
NADE	<i>demissum</i>	Leafy nama	NOPA	<i>parryi</i>	Parry cloakfern
NADE2	<i>densum</i>		NOSI	<i>sinuata</i>	Bulb cloakfern
NADE3	<i>depressum</i>		NOST	<i>standleyi</i>	Star cloakfern
NADI	<i>dichotomum</i>		NUPHA	<i>Nuphar</i> spp.	Cowlily, yellow pondlily
NARO	<i>rothrockii</i>		NUPO	<i>polysepalum</i>	Rocky Mountain cowlily
NASTU	<i>Nasturtium</i> spp.	Watercress	NYMPH	<i>Nymphaea</i> spp.	Waterlily
NAOF	<i>officinale</i>	Watercress	NYOD	<i>odorata</i>	American waterlily
NAVAR	<i>Navarretia</i> spp.		OENOT	<i>Oenothera</i> spp. (see <i>Camissonia</i> )	Evening primrose
NABR	<i>breweri</i>	Brewer gilia	OEAL2	<i>albicaulis</i>	Prairie evening primrose
NAIN	<i>intertexta</i>	Woolly navarretia	OEBI	<i>biennis</i>	Common evening primrose
NALE	<i>leucocephala</i>		OECA	<i>caespitosa</i>	Tufted evening primrose
NAMI	<i>minima</i>		OECA3	<i>cavernae</i>	
NEMAC	<i>Nemacladus</i> spp.		OECO	<i>coronopifolia</i>	
NEGGL	<i>glanduliferus</i>		OEDE2	<i>deltaoides</i>	
NEGR	<i>gracilis</i>		OEHO	<i>hookeri</i>	Hooker evening primrose
NERI	<i>rigidus</i>		OELA2	<i>latifolia</i>	
NERU	<i>rubescens</i>		OELA	<i>lavandulae-</i> <i>folia</i>	Lavenderleaf evening primrose
NEMOP	<i>Nemophila</i> spp.	Nemophila	OELO	<i>longissima</i>	
NEBR	<i>breviflora</i>	Great Basin nemophila	OKENU	<i>nuttallii</i>	Nuttall evening primrose
NEPA	<i>parviflora</i>	Smallflower nemophila	OEPAP	<i>pallida</i>	Pale evening primrose
NEPE	<i>pedunculata</i>		OEPAI	<i>pallida</i> <i>idahoensis</i>	
NESP	<i>spatulata</i>		OEPR	<i>primiveris</i>	
NEPET	<i>Nepeta</i> spp.	Nepeta			
NECA	<i>camphorata</i>				
NECA2	<i>cataria</i>	Catnip			

FORBS

<u>OENOT</u>	Oenothera spp.	(con.)		<u>ORTHO</u>	Orthocarpus spp.	(con.)
<u>OETR</u>	trichocalyx			<u>ORTE</u>	tenuifolius	
<u>OEXY</u>	xylocarpa			<u>ORTO</u>	tolmiei	Tolmie owlclover
<u>OLIGO</u>	Oligomeris spp.			<u>ORYCE</u>	Orycetes spp.	
<u>OLLI</u>	linifolia			<u>ORNE</u>	nevadensis	
<u>ONOBR</u>	Onobrychis spp.	Sainfoin		<u>OSMOR</u>	Osmorhiza spp.	Sweetroot
<u>ONGR</u>	grandes			<u>OSCH</u>	chilensis	Spreading
<u>ONTR</u>	transcau-			<u>OSDE</u>	(divaricata)	sweetroot
	casica			<u>OSDE</u>	depauperata	Bluntseed
<u>ONVI</u>	viciaefolia	Common		<u>OSOC</u>	(obtusa)	sweetroot
	(sativa)	sainfoin		<u>OSOC</u>	occidentalis	Sweetanise
<u>ONONI</u>	Ononis spp.			<u>OXALI</u>	Oxalis spp.	Oxalis; wood sorrel
<u>ONSP</u>	speciosa			<u>OXCO</u>	corniculata	Creeping oxalis
<u>ONOPO</u>	Onopordum spp.	Thistle		<u>OXDI2</u>	dilleniif	
<u>ONAC</u>	acanthium	Scotch		<u>OXGR</u>	grayii	
		cottonthistle		<u>OXPI</u>	pilosa	
				<u>OXST</u>	stricta	Common yellow oxalis
<u>ONYCH</u>	Onychium spp.	Claw fern		<u>OXYBA</u>	Oxybaphus spp.	Umbrellawort
<u>ONDE</u>	densum	Claw fern		<u>OXCO2</u>	coccineus	Scarlet umbrellawort
<u>OREOX</u>	Oreoxis spp.	Oreoxis		<u>OXCO3</u>	comatus	Sticky umbrellawort
<u>ORAL</u>	alpina	Alpina oreoxis		<u>OXGL</u>	glaber	
<u>ORBA</u>	bakeri			<u>OXLI</u>	linearis	Narrowleaf umbrellawort
<u>ORNIT</u>	Ornithogalum spp.	Star-of-Bethlehem		<u>OXNY</u>	nyctagineus	
<u>ORUM</u>	umbellatum	Common star-of-Bethlehem		<u>OXPU</u>	pumilus	
<u>ORNI2</u>	Ornithopus spp.	Serradella		<u>OXPYO</u>	Oxypolis spp.	Cowbane
<u>ORCO</u>	compressus			<u>OXFE</u>	fendleri	Fendler cowbane
<u>OROBA</u>	Orobanche spp.	Broomrape		<u>OXYRI</u>	Oxyria spp.	Mountain sorrel
<u>ORCA</u>	californica			<u>OXDI</u>	digyna	Alpine mountain sorrel
<u>ORFA</u>	fasciculata			<u>OXYST</u>	Oxystylis spp.	
<u>ORGR</u>	grayana			<u>OXLU</u>	lutea	
<u>ORLU</u>	ludoviciana	Louisiana broomrape		<u>OXYTE</u>	Oxytenia spp.	Oxytenia
<u>ORMU</u>	multiflora			<u>OXAC</u>	acerosa	Prickly oxytenia
<u>ORUN</u>	uniflora	Ghost-pipe		<u>OXYTH</u>	Oxytheca spp.	Oxytheca
<u>OROGE</u>	Orogenia spp.			<u>OXDE</u>	dendroidea	Narrowleaf oxytheca
<u>ORLT</u>	linearifolia	Indian potato		<u>OXLU2</u>	luteola	
<u>ORTHO</u>	Orthocarpus spp.	Owlclover		<u>OXPE</u>	perfoliata	Thorwart oxytheca
<u>ORBR</u>	bracteosus			<u>OXWA</u>	watsonii	Watson oxytheca
<u>ORCA2</u>	campestris			<u>OXYTR</u>	Oxytropis spp.	Crazyweed
<u>ORCO2</u>	copelandii			<u>OXBEB</u>	besseyi	Bessey pointvetch
<u>ORHI</u>	hispidus			<u>OXBEA</u>	besseyi	
<u>ORLA</u>	lacerus				argophylla	
<u>ORLU2</u>	luteus	Yellow owlclover				
<u>ORPU</u>	purpurascens	Escobitia owlclover				
<u>ORPU2</u>	purpureo-albus	Purplewhite owlclover				

FORBS

OXYTR	Oxytropis spp. (con.)			
<u>OXBES</u>	<u>besseyi</u>		<u>PECTI</u>	Pectis spp.
	<u>salmonensis</u>		<u>PEAN</u>	Pectis angustifolia
<u>OXCA</u>	<u>campestris</u>	Plains crazyweed	<u>PEPA3</u>	Papposa
<u>OXDE2</u>	<u>deflexa</u>	Droppod crazyweed	<u>PECTO</u>	Pectocarya spp. Combseed
<u>OXJO</u>	<u>jonesii</u>		<u>PEHE</u>	heterocarpa
<u>OXLA</u>	<u>lambertii</u>	Lambert crazyweed	<u>PEPE</u>	penicillata Shortleaf combseed
<u>OXMU</u>	<u>multiceps</u>	Flowery crazyweed	<u>PEPL</u>	platycarpa
<u>OXOB</u>	<u>obnapiformis</u>		<u>PERE</u>	recurvata
<u>OXOR</u>	<u>oreophila</u>	Silver crazyweed	<u>PESE</u>	setosa
<u>OXPA</u>	<u>parryi</u>	Parry crazyweed	<u>PEDIC</u>	Pedicularis spp. Lousewort
<u>OXSE</u>	<u>sericea</u>	Silky crazyweed	<u>PEAT</u>	attollens
<u>OXVI</u>	<u>viscida</u>	Yellowhair crazyweed	<u>PEBR</u>	bracteosa Bracted pedicularis
<u>PAEON</u>	<u>Paeonia spp.</u>	Peony	<u>PECE</u>	centranthera Dwarf lousewort
<u>PABR</u>	<u>brownii</u>	Browns peony	<u>PECO2</u>	contorta Coiled lousewort
<u>PALAF</u>	<u>Palafoxia spp.</u>	Palafoxia	<u>PECR</u>	crenulata Meadow lousewort
<u>PALI</u>	<u>linearis</u>	Desert palafoxia	<u>PEGR2</u>	grayi Grays lousewort
<u>PAPAV</u>	<u>Papaver spp.</u>	Poppy	<u>PEGR</u>	groenlandica Elephanthead lousewort
<u>PARA</u>	<u>radicatum</u>		<u>PEPA4</u>	parryi Parry lousewort
<u>PARH</u>	<u>rhoeas</u>	Corn poppy	<u>PEPR2</u>	procera
<u>PARIE</u>	<u>Parieteria spp.</u>	Pellitory	<u>PERA3</u>	racemosa Sickletop pedicularis
<u>PAFL2</u>	<u>floridana</u>		<u>PESE</u>	semibarbata
<u>PAPE</u>	<u>pennsylvanica</u>	Pennsylvania pellitory	<u>PEGAN</u>	Peganum spp. Peganum
<u>PARNA</u>	<u>Parnassia spp.</u>	Parnassia parnassus	<u>PEHA</u>	harmala Harmel peganum
<u>PAFI</u>	<u>fimbriata</u>	Rocky Mountain parnassia	<u>PELLA</u>	pellaea spp. Cliffbrake
<u>PAKO</u>	<u>kotzebuei</u>		<u>PEAT2</u>	atropurpurea Purple cliffbrake
<u>PAPA2</u>	<u>palustris</u>	Wildworld parnassia	<u>PEBR2</u>	breweri Brewer cliffbrake
<u>PAPA3</u>	<u>parviflora</u>	Smallflower parnassia	<u>PEBR3</u>	bridgesii Bridges cliffbrake
<u>PARON</u>	<u>Paronychia spp.</u>	Nailwort	<u>PEGL</u>	glabella Dwarf cliffbrake
<u>PAPU</u>	<u>pulvinata</u>	Rocky Mountain nailwort	<u>PELO</u>	longi-mucronat Spiny cliffbrake
<u>PASE</u>	<u>sessiliflora</u>	Creeping nailwort	<u>PENNE</u>	Pennellia spp. Beardtongue, micrantha
<u>PARRY</u>	<u>Parrya spp.</u>	Parrya	<u>PENST</u>	penstemon
<u>PANU</u>	<u>nudicaulis</u>		<u>PEAB</u>	abietinus Firleaf penstemon
<u>PARY</u>	<u>rydbergii</u> ( <u>platycarpa</u> )	Utah parrya	<u>PEAC</u>	acaulis Stemless penstemon
<u>PASTI</u>	<u>Pastinaca spp.</u>	Parsnip	<u>PEAC2</u>	acuminatus Sharpleaf penstemon
<u>PASA</u>	<u>sativa</u>	Garden parsnip	<u>PEAL</u>	albertinus Alberta penstemon
			<u>PEAL2</u>	albomarginatus
			<u>PEAM</u>	ambiguus Gilia penstemon
			<u>PEAN2</u>	Angustifolia Narrowleaf penstemon
			<u>PEAR3</u>	arenarius Dune penstemon
			<u>PEAR2</u>	arenicola Sand penstemon
			<u>PEAR</u>	aridus Stiffleaf penstemon
			<u>PEAT3</u>	attenuatus Sulphur penstemon
			<u>PEAT4</u>	atwoodii

FORBS

PENST	Penstemon spp.	(con.)
PEBA	barbatus	Beardlip penstemon
PEBR4	bracteatus	
PEBRS	bridgesii	Bridges penstemon
PECA	caespitosus	Mat penstemon
PECA2	carnosus	
PECI	cinerascens	
PECI2	cinicola	
PECL	cleburnei	
PECO	comarrhenus	Dusty penstemon
PECO3	concinus	
PECO4	confertus	Yellow penstemon
PECOS	confusus	
PECO6	congestus	
PECR2	crandallii	Crandall penstemon
PECU	cusickii	Cusick penstemon
PECY	cyananthus	Wasatch penstemon
PECY2	cyaneus	
PECY3	cyanocaulis	
PEDA	davidsonii	Davidson penstemon
PEDE	deustus	Scabland penstemon
PEDI	digitalis	Digitalis penstemon
PEDO	dolius	Jones penstemon
PEEA	eatonii	Eaton penstemon
PEEL	ellipticus	Rockvine penstemon
PEER	eriantherus	Fuzzytongue penstemon
PEFL	floridus	Panamit penstemon
PEFR	fremontii (glaber)	Fremont penstemon
PEFR2	frutici-formis	Desert mountain penstemon
PEFR3	fruticosus	Bush penstemon
PEGA3	gairdneri	Gairdner penstemon
PEGA2	garrettii	Garretts penstemon
PEGL2	glaber	Sawsepal penstemon
PEGL3	glandulosus	Stickytem penstemon
PEGR3	gracilentus	Slimstem penstemon
PEGR4	grahamii	Graham penstemon
PEHA2	hallii	Halls penstemon

FORBS

PENST	Penstemon spp.	(con.)
PEHE2	heterodoxus	Heretic penstemon
PEHU	humilis	Low penstemon
PEJA	jamesii	James penstemon
PEJO	jonesii	Jones penstemon
PEKE2	keckii	Kick penstemon
PEKE	kennedyi	Kennedy penstemon
PEKI	kingii	Kings penstemon
PELA	laetus	Gay penstemon
PELA2	laevis	
PELA3	laxus	Idaho penstemon
PELE	leiophyllus	
PELES	lemhiensis	Lemhi penstemon
PELE3	lentus	
PELE4	leonardi	Leonard penstemon
PELI	linarioides	Toadflax penstemon
PEMI2	miser	Malheur penstemon
PEMO	moffattii	
PEMO2	monoensis	
PEMO3	montanus	Cordroot penstemon
PENA	nanus	Dwarf penstemon
PENE	newberryi	Newberry penstemon
PENI	nitidus	Waxleaf penstemon
PEOS	osterhoutii	Osterhout penstemon
PEPA2	pachyphyllus	Thickleaf penstemon
PEPA	palmeri	Palmer penstemon
PEPA5	parvus	
PEPA6	payettensis	
PEPA7	paysoniorum	
PEPE2	perpulcher	Minidoka penstemon
PEPE3	petiolatus	
PEPL2	platyphyllus	Hillside penstemon
PEPR	procerus	Littleflower penstemon
PERA2	radicosus	Matroot penstemon
PERO	rothrockii	Rothrock penstemon
PERU	rubicundus	
PERY	rydbergii	Rydberg penstemon
PESC	scapoides	Inyo penstemon
PESC2	scariosus	
PESE3	seorsus	
PESE4	sepalus	Littlecup penstemon
PESP	speciosus	Royal penstemon
PESP2	spectabilis	Showy penstemon
PEST	strictus	Rocky mountain penstemon
PESU	subglaber	
PESU2	suffrutescens	
PETE	teucroides	Grayleaf creeping penstemon
PETH	thompsoniae	Thompson penstemon
PETH2	thurberi	Thurber penstemon

<u>FORBS</u>			<u>FORBS</u>	
PENST	Penstemon spp.	(con.)	PHACE	Phacelia spp. (con.)
PETI	tidestromii	Tidestrom penstemon	PHCE	cephalotes
PEUI	uintahensis	Uinta penstemon	PHCO	coerulea
PEUT	utahensis	Utah penstemon	PHC06	constancei
PEVI	virens	Green penstemon	PHCRC	crenulata
PEV12	virgatus	Wandbloom penstemon	PHCR	cryptantha
PEWA	wardii	Wards penstemon	PHCU	curvipes
PEWA2	watsonii	Watson penstemon	PHDE	demissa
PEWH	whippleanus	Whipple penstemon	PHDI	distans
PEPLI	Peplis spp.		PHFI	filiformis
PED12	diandra		PHFR	fremontii
PEREZ	Perezia spp.	Perezia	PHFR2	frigida
PEWR	wrightii		PHGE	geraniifolia
PERIC	Pericome spp.	Pericoma	PHGL	glaberrima
PECA3	caudata	Tailleaf pericoma	PHGL2	glandulifera
PERID	Perideridia spp.	False caraway	PHGL3	glandulosa Glandular phacella
PEBO	bolanderi	Bolander false caraway	PHGY	glechomifolia
PEGA	gairdneri	Yampa	PHHA	gymnoclada
PEPA8	parishii		PHHE	hastata
				(alpina)
PERIT	Perityle spp.		PHHE	hetero-
PEEM	emoryi			phylla Varileaf phacella
PETAL	Petalonyx spp.	Sandpaper plant	PHHO	howelliana
PENT2	nitidus	Smooth sandpaper plant	PHHU	humilis
PEPA9	parryi		PHHY	hydrophyloides
PETH3	thurberi	Thurber sandpaper plant	PHID	idaahoensis Idaho phacelia
			PHIN	incana
			PHIN2	inconspicua
			PHIN3	indecora
			PHIN4	integrifolia
			PHIN5	inundata
			PHIV	ivesiana
			PHLA	laxiflora
			PHLE2	lemonii
			PHLI	linearis Threadleaf
				phacella
PETA2	Petalostemon spp. (see Dalea)	Prairie clover	PHLU	lutea
PECA4	candidum	White prairie clover	PHLY	lyallii Lyall phacelia
PEFL2	flavescens	Yellow prairie-clover	PHMI	minutissima
PEOR	ornatum	Showy prairie clover	PHMU2	mustelina
PESE5	searlsiae	Searls prairie-clover	PHNE	neglecta
PETRO	Petrophytum spp.	Rockmat	PHNE2	neomexicana
PECAC	caespitosum	Tufted rockmat	PHNE3	nevadensis
PECAE	caespitosum elatius		PHPA	palmeri
			PHPA2	parishii
			PHPE	pediculoides
			PHPE2	peirsoniana
			PHPU	pulchella
			PHRA	ramosissima Branching
				phacelia
PHACE	Phacelia spp.	Phacelia	PHRA2	rattanii
PHAD	adenophora		PHRO	rotundifolia
PHAF	affinis		PHSA	saxicola
PHAN	anelsoni		PHSE	sericea Silky phacelia
PHAU2	austromontana		PHSP	splendens
PHBA	barnebyana		PHTA	tanaceti-
PHBI	bicolor			folia Tansy phacelia
PHCA3	calthifolia			

FORBS

PHACE	Phacelia spp. (con.)
PHTE	tetramera
PHTH	thermalis
PHUT	utahensis
PHVA	vallis-mortae
PHLOX	Phlox spp.
PHAC	aculeata
PHAL3	albomarginata
PHAU	austromontana
PHCL	cluteana
PHC03	condensata (caespitosa)
PHDI	diffusa
PHGL5	gladiformis (gooddingii)
PHHOC	hoodii canes- cens
PHKE	kelseyi
PHLO	longifolia
PHMU	multiflora
PHMU3	muscoides
PHPU2	pulvinata
PHSP2	speciosa
PHST	stansburyi
PHVI	viscida
PHOEN	Phoenicaulis spp.
PHCH	cheiranthoides
PHEU	eurycarpa
PHOLI	Pholistoma spp.
PHME	membranaceum
PHORA	Phoradendron spp.
PHBOD	boleeanum
PHCA2	densum californicum
PHFL	flavescens
PHJU	juniperinum
PHYSA	Physalis spp.
PHCR2	crassifolia
PHFE	fendleri
PHHE2	hederaeefolia
PHLO2	longifolia
PHYS2	Physaria spp.
PHAC2	acutifolia
PHCH2	chambersii
Phlox	Idaho phlox
	White-margined phlox
	Desert phlox
	Hoods phlox
	Kelsey phlox
	Longleaf phlox
	Flowery phlox
	Showy phlox
	Stansbury phlox
	Sticky phlox
Phoenicaulis	Phoenicaulis
Wallflower	
	phoenicaulis
Lilja	
Mistletoe	
Dense mistletoe	
Mesquite mistle- toe	
Christmas mistletoe	
Juniper mistletoe	
Groundcherry	
Clammy ground- cherry	
Longleaf ground- cherry	
Twinpod	
Common twinpod	

FORBS

PHYS2	Physaria spp. (con.)
PHCO5	condensata
PHFL2	floribunda
PHGR	grahamii
PHNE4	newberryi
PHOR	oregona
PISUM	Pisum spp.
PISA	sativum
PITYR	Pityrogramma spp.
PITR	triangularis
PLAGI	Plagiobothrys spp.
PLAR	arizonicus
PLHA	harknessii
PLHI	hispidulus
PLJO	jonesii
PLKI	kingii
PLMO	mollis
PLSC	scouleri
PLTE	tenellus
PLANT	Plantago spp.
PLEL	elongata
PLER	eripoda
PLIN	insularis
PLLA	lanceolata
PLMA3	major
PLMA2	maritima
PLPA	patagonica (purshii)
PLTW	tweedyi
PLATY	Platystemon spp.
PLCA	californicus
PLECT	Plectritis spp.
PLMA	macrocera
PLUCH	Pluchea spp.
PLCA2	camphorata

FORBS

PODIS	Podista spp.
POEA	eastwoodiae
PONE4	nevadensis
POLAN	Polanisia spp. Clammyweed
PODO	dodecandra
POTR4	trachysperma Roughseed clammy-seed (Western clammyweed)
POLEM	Polemonium spp. Polemonium
POEX	eximium
POFO	foliosissimum (albiflorum) Leafy polemonium
POMI	micranthum Littlebells
	polemonium
POOC	occidentale Western
	polemonium
POPUP	pulcherrimum Skunkleaf
	pulcherrimum polemonium
POPUC	pulcherrimum
	calcinum
POPUD	pulcherrimum
	delicatum
POVIV	viscosum Sticky
	viscosum polemonium
POVIM	viscosum
	mellitum
POLYC	Polycetenium
POFR3	fremontii
POLY2	Polygonatum spp. Solomonseal
POCO6	commutatum Great Solomonseal
POLY3	Polygonum spp. Knotweed, smartweed
POAM2	amphibium Water ladysthumb
POAU	austinae Austin knotweed
POAV	aviculare (buxiforme) Prostrate knotweed
POBI	bistortoides American bistort
POCO3	coccineum Bigroot ladysthumb
POC04	conferti-folium
POC05	convolvulus Dullseed cornbind
POCU3	cuspidatum Japanese fleece-flower
PODOD	douglasii Douglas knotweed
PODOJ	douglasii
	douglasii Sawatch knotweed
	(sawatchense)
POEN	engelmannii
POER	erectum Erect knotweed
POES	esotericum
POEX2	exsertum
POHE	heterosepalum
POHY	Hydropiper Marsh pepper
	smartweed

FORBS

POLY3	Polygonum spp. (con.)
POHY2	hydropiperoides Swamp smartweed
POKE	kelloggii Kellogg knotweed
POLA	lapathifolium Curlytop ladysthumb
POMA2	majus
POMI2	minimum Broadleaf knotweed
POPE	pensylvanicum Pennsylvania smartweed
POPE2	persicaria Spotted ladysthumb
POPH	phytolaccae-folium Pokeweed
POOP	polycnemoides fleece-flower
POPO2	polygaloides Polygala knotweed
POPR3	prolificum
POPUS	punctatum Dotted smartweed
PORA	ramosissimum Bush knotweed
PORE2	rexnoutria
POSH	shastense
POSP	spergulariae-forme
POVI2	viviparum Viviparous bistort
POUT	utahense
POWA	watsonii Watson knotweed
POLYP	Polypodium spp. Polypody
POVUC	vulgare Western columbianum polypody
POLYS	Polystichum spp. Hollyfern
POLO	lonchitis Mountain hollyfern
POS2	scopulinum Eaton hollyfern
POROP	Porophyllum spp. Poreleaf
POGR2	gracile Slender poreleaf
PORTE	Porterella spp.
POCA3	carnosula
PORTU	Portulaca spp. Portulaca
POMU	mundula
POOL	oleracea Common purslane
PORE3	retusa
POTAM	Potamogeton spp. Pondweed
POAL3	alpinus Slimleaf pondweed
POAM3	amplifolius Largeleaf pondweed
POBE	berchtoldii Curly pondweed
POCR	crispus Waterthread
PODI	diversifolius pondweed
POEP2	epiphydrus Ribbonleaf pondweed

FORBS

POTAM	Potamageton spp. (con.)		POTEN	Potentilla spp. (con.)	
POFI	fibrillosum	Fineleaf pondweed	POGLP	glandulosa	
POFI2	filiformis			pseudoru-	
POFO2	foliosus	Leafy pondweed	POGLR	pestris	
POFR2	friesii	Fries pondweed		glandulosa	
POGR3	gramineus	Variableleaf pondweed	POGR4	reflexa	
				gracilis	
POIL	illinoensis	Illinois pondweed		(filipes)	
POLA2	latifolius	Broadleaf pondweed	POGL3	(jucunda)	Northwest
PONA	natans	Floatingleaf pondweed	POHI	(nuttallii)	cinquefoil
PONO	nodosus	Longleaf pondweed	POMI3	hippiana	Beauty cinquefoil
POPE3	pectinatus	Fennell-leaf pondweed	PONES	nillefolia	Horse cinquefoil
POPR4	praelongus	Whitestem pondweed	PONI	newberryi	
POPU2	pusillus	Baby pondweed	PONO2	nivea	
PORI	richardsonii	Richardson pondweed	POOV	norvegica	Norwegian cinquefoil
PORO	robbinsii	Robbins pondweed	POPA3	ovina	
POST2	strictifolius	Narrowleaf pondweed	POPA4	palustris	Marsh cinquefoil
POZO	zosteriformis	Flatstem pondweed	POPE4	paradoxa	
			POPL	pennsylvanica	Pennsylvania cinquefoil
POTEN	Potentilla spp.	Cinquefoil	POPS	plattensis	Platte cinquefoil
POANZ	anserina	Silverweed	POPU	pseudosericea	
		cinquefoil	POQU	pumila	Petty cinquefoil
POAR3	argentea	Silver		quinquefolia	
POARC	argentea	cinquefoil	PORI2	rivalis	Brook cinquefoil
			POSA2	saxosa	
POBI3	arguta		POSU2	sulfurea	
	convallaria				
POBL	biennis	Biennial	PRIMU	Primula spp.	Primrose
		cinquefoil	PRCU	cusickiana	
POBR	blaschkeana	Blaschke	PRHU	hunnewellii	
		cinquefoil	PRIN	incana	American primrose
POBR2	brevifolia	Brewer cinquefoil	PRMA	maguirei	
POCO2	breweri		PRPA	parryi	Parry primrose
	concinna	Elegant	PRSP	specuicola	
POCR2	crinita				
PODI2	diversifolia	Varileaf	PROBO	Proboscidea spp.	Devilsclaws
		cinquefoil	PRPAZ	parviflora	New Mexico devilsclaws
PODR	drummondii	Drummond	PRUNE	Prunella spp.	Selfheal
		cinquefoil	PRVU	vulgaris	Common selfheal
POGLG	glandulosa	Gland	PSATH	Psathyrotes spp.	
	glandulosa	cinquefoil	PSAN	annua	
POGLA	glandulosa		PSPI	pilifera	
	arizonica		PSRA	ramosissima	
POGLI	glandulosa		PSEUD	Pseudo-	False spring
	intermedia			cymopterus spp.	
POGLM	glandulosa		PSMO	parsley	
	micropetala		PSVU2	montanus	
POGLN	glandulosa			vulgaris	Mountain parsley
	nevadensis		PSILA	Psilactis spp.	
			PSCO	coulteri	

FORBSFORBS

<u>PSILO</u>	<u>Psilocarphus</u> spp.		<u>RAFIN</u>	Rafinesquia spp.
<u>PSBR</u>	brevissimus		<u>RACA</u>	californica
<u>PSOR</u>	oregonus		<u>RANE</u>	neomexicana
<u>PSIL2</u>	<u>Psilos trophe</u> spp.	Paperflower	<u>RAILL</u>	Raillardella spp.
<u>PSBA</u>	bakeri		<u>RASC</u>	scaposa
<u>PSCO2</u>	cooperi	Whitestem paperflower	<u>RANUN</u>	Ranunculus spp.
<u>PSSP</u>	sparsiflora	Greenstem paperflower		Buttercup, crowfoot
<u>PSTA</u>	tagetinae	Woolly paperflower	<u>RAAC</u>	aciformis Sharp buttercup
<u>PSORA</u>	<u>Psoralea</u> spp.	Scurf-pea	<u>RAAC2</u>	acris Tall buttercup
<u>PSBI</u>	bituminosa	Arabian scurf-pea	<u>RAAD</u>	adunae Alpine buttercup
<u>PSCA</u>	castorea	Beaverbread scurf-pea	<u>RAAL</u>	alismaefolius Dwarf plainleaf buttercup
<u>PSEP</u>	epipsila		<u>RAAN</u>	andersonii Anderson buttercup
<u>PSJU</u>	juncea		<u>RAAQ</u>	aquatilis Hairleaf water buttercup
<u>PSLA</u>	lanceolata	Lemmon (stenostachys)	<u>RAAR</u>	arvensis Corn buttercup
<u>PSME</u>	megalantha	scurf-pea	<u>RACA2</u>	cardiophyllum Shore buttercup
<u>PSME2</u>	mephitica	Skunktop scurf-pea	<u>RACY</u>	cymbalaria Rocky Mountain buttercup
<u>PSTA</u>	pariensis		<u>RAESE</u>	eschscholtzii Eschscholtz buttercup
<u>PSTE</u>	tenuiflora	Slimflower scurf-pea	<u>RAESS</u>	eschscholtzii buttercup
<u>PTERI</u>	<u>Pteridium</u> spp.	Bracken	<u>RAFL</u>	esksdorffii buttercup
<u>PTAQ</u>	aquilinum	Western bracken fern	<u>RAFL2</u>	flabellaris Yellow buttercup
<u>PTERO</u>	<u>Pterospora</u> spp.	Pinedrops	<u>RAGL</u>	flammula Spearwort reptans buttercup or
<u>PTAN</u>	andromedea	Woodland pinedrops		Creeping spear- worts buttercup
<u>PTDR</u>	drymarioides		<u>RAGM</u>	Sagebrush buttercup
<u>PURPU</u>	<u>Purpusia</u> spp.		<u>RAIN</u>	gmelinii
<u>PUSA</u>	saxosa		<u>RAJO</u>	inamoenus
<u>PYROL</u>	<u>Pyrola</u> spp.	Pyrola, shin- leaf, wintergreen	<u>RAJU</u>	jovis
<u>PYAS</u>	asarifolia	Alpine pyrola	<u>RALO</u>	juniperinus
<u>PYDE</u>	dentata	Toothleaf pyrola	<u>RAMA</u>	longirostris Longbeak buttercup
<u>PYEL</u>	elliptica	Waxflower pyrola	<u>RAOC</u>	macounii
<u>PYMI</u>	minor	Snowline pyrola	<u>RAOR</u>	occidentalis Western buttercup
<u>PYPI</u>	picta	Whitevein pyrola	<u>RAOR2</u>	oreogenes
<u>PYSE</u>	secunda	Sidebells pyrola	<u>RAOR3</u>	oresterus
<u>PYAN</u>	uniflora	Woodnymph	<u>RAPE</u>	orthorhynchus Straight-beak buttercup
<u>PYVI</u>	virens		<u>RAPE2</u>	pedatifidus
	(chlorantha)	Green pyrola	<u>RARA</u>	pennsylv- anicus Pennsylvania buttercup
			<u>RARE</u>	ranunculinus
			<u>RASC2</u>	repens Creeping buttercup
			<u>RATE</u>	sceleratus Blister buttercup
			<u>RAUN</u>	testiculatus Bur buttercup
				uncinatus

FORBS

RATIB	Ratibida spp.	Prairie coneflower
RACO	columnifera	Upright prairie coneflower
RAPI	pinnata	
REVER	Reverchonia spp.	
REAR	arenaria	
RHYSO	Rhysopterus spp.	
RHPL	plurijugus	
RIGIO	Rigiopappus spp.	Wireweed
RILE2	leptocladus	
ROEME	Roemeria spp.	Asiapoppy
RORE	refracta	Spotted asiapoppy
RORIP	Rorippa spp.	Yellowcress or Watercress
ROAL	alpina	
ROAU	australis	Austrian watercress
ROCU	curvipes	Obtuse fieldcress
ROIS	islandica	Marsh yellowcress
RONA	nasturtium	Watercress
ROSI	sinuata	Spreading yellowcress
ROSP	sphaerocarpa	
ROTE	tenerima	
RUBIA	Rubia spp.	
RUTI	tinetorum	Madder
RUDBE	Rudbeckia spp.	Coneflower
RULA	laciiniata	Cutleaf coneflower
RUOC	occidentalis	Western coneflower
RUMEX	Rumex spp.	Dock, sorrel
RUAC	acetosella	Sheep sorrel
RUAL	altissimus	Great dock
RUCA	californicus	
RUCO	conglomeratus	Clustered dock
RUCR	crispus	Curly dock
RUCU	cuneifolius	
RUDE	densiflorus	
RUFE	fenestratus	
RUFU	fueginus	Golden dock
RUHY	hymenosepaulus	Canaire
RULA2	lacustris	
RUME	mexicanus	Mexican dock
RUOB	obtusifolius	Bitter dock
RUOC2	occidentalis	Western dock
RUPA3	patientia	Patience dock
RUPA2	paucifolius	Mountain sorrel
RUSA	salicifolius	Willow dock
RUSU	subalpinus	
RUTR	triangulivalvis	

FORBS

RUMEX	Rumex spp. (con.)	
RUUT	utahensis	
RUVE	venosus	Veiny dock
RUPPI	Ruppia spp.	Widgeonweed
RUMA	maritima	Widgeongrass
RUPE	pectinata	Floating widgeongrass
SAGIN	Sagina spp.	Pearlwort
SAOC	occidentalis	
SASA	saginoides	Arctic pearlwort
SAGIT	Sagittaria spp.	Arrowhead
SACU	cuneata	Duckpotato arrowhead
SALA	latifolia	Common arrowhead
SAMO	montevidensis	Giant arrowhead
SALIC	Salicornia spp.	Glasswort, samphire, pickleweed
SAEU	europaea	Marshfire glasswort
SAPA	pacifica	
SAUT	utahensis	Utah glasswort, samphire
SALSO	Salsola spp.	Russianthistle
SAIB	iberica	Saltwort
SAPE	pestifer (kali)	Russianthistle
SALVI	Salvia spp.	Sage
SAAE	aethiops	California chia (Mediterranean sage)
SABE	beckeri	
SABE2	betonicae- folia	
SACO2	columbariae	Californiachia sage
SASC2	sclarea	Clary sage
SAMOL	Samolus spp.	Waterpimpernel
SAFL	floribundus	
SANGU	Sanguisorba spp.	Burnet
SAMI	minor	Small burnet
SAOC2	occidentalis	Western burnet
SARU	ruprechtii	
SASI	sitchensis	Sitka burnet
SANIC	Sanicula spp.	Sanicle
SAGR	graveolens	

FORBS		FORBS		
SAPON	<i>Saponaria</i> spp.	Soapwort	SCROP	Scrophularia spp. Figwort
SAOC3	<i>ocymoides</i>	Rock soapwort	SCDE	desertorum
SAOF	<i>officinalis</i>	Bouncing-bet	SCLA	lanceolata Lanceleaf
SAVA	<i>vaccaria</i>	Cow soapwort		figwort
SARC2	<i>Sarcodes</i> spp.	Snowplant	SCUTE	Scutellaria spp. Skullcap
SASA2	<i>sanguinea</i>	Snowplant	SCAN	angustifolia Narrowleaf skullcap
SARC3	<i>Sarcostemma</i> spp.	Climbing milk-weed	SCAN2	antirrhinoides
SACY	<i>cynanchoides</i>		SCGA	galericulata
SAHI	<i>hirtellum</i>		SCNA	nana
SAXIF	<i>Saxifraga</i> spp.	Saxifrage	SEDM	<i>Sedum</i> spp. Stonecrop
SAAD	<i>adscendens</i>		SEDE	<i>debile</i>
SAAP	<i>aprica</i>		SELA	<i>lanceolatum</i> Lanceleaved sedum
SABR2	<i>bronchialis</i>	Yellowdot saxifrage	SEOB	<i>obtusatum</i>
SACA2	<i>caespitosa</i>		SERH	<i>rhodanthum</i> Redpod stonecrop
SACE2	<i>cernua</i>		SERO	<i>rosea</i> Roseroot stonecrop
SACH	<i>chrysantha</i>	Goldbloom saxifrage	SELAG	<i>Selaginella</i> spp. Selaginella, spikemoss
SADE	<i>debilis</i>		SEDED	<i>densa</i> densa Spikemoss selaginella
SAFE	<i>ferruginea</i>	Rustyhair saxifrage	SEDES	<i>densa</i> <i>scopulorum</i> Rocky Mt. spikemoss selaginella
SAFL2	<i>flagellaris</i>		SEDO	<i>douglasii</i> Douglas selaginella
SAIN	<i>integripolia</i>	Columbian saxifrage	SELE	<i>leucobryoides</i>
SAME	<i>mertensiana</i>	Mertens saxifrage	SEMU	<i>mutica</i>
SANI	<i>nidifica</i>		SESE2	<i>selaginoides</i>
SAOC4	<i>occidentalis</i>	Alberta saxifrage	SEUN	<i>underwoodii</i> Underwood selaginella
SAOD	<i>odontoloma</i>	Washington saxifrage	SEUT	<i>utahensis</i> Utah selaginella
SAOP	<i>oppositifolia</i>	Twinleaf saxifrage	SEWA	<i>watsonii</i> Watson selaginella
SAOR2	<i>oregana</i>	Oregon saxifrage	SELIN	<i>Selinocarpus</i> spp. Moonpod
SARH	<i>rhomboidea</i>	Diamondleaf saxifrage	SEDI	<i>diffusus</i> Moonpod
SATO	<i>tolmiei</i>	Tolmie saxifrage	SENEC	<i>Senecio</i> spp. Groundsel; ragwort, butterweed
SCHEU	<i>Scheuchzeria</i> spp.	Scheuchzeria	SEAM	amplectens Showy alpine groundsel
SCPA2	<i>palustris</i>	Scheuchzeria	SEAR	aronicoides Rayless groundsel
SCOPU	<i>Scopolophila</i> spp.		SEAT	atratus Black groundsel
SCRI	<i>rixfordii</i>		SEAU	<i>aureus</i> Golden groundsel
SCORP	<i>Scorpiurus</i> spp.	Scorpionstail	SEBI	<i>bigelovii</i> Bigelow groundsel
SCSU2	<i>subvillosa</i>	Caterpillarpod scorpionstail		
SCVE	<i>vermiculatus</i>	Wormpod scorpionstail		

FORBS			FORBS	
SENEC	Senecio spp.	(con.)	SIBAR	Sibara spp.
SECA	canus	Woolly groundsel	SIDE	deserti
SECO	convallium		SIBBA	Sibbaldia spp.
SECR	crassulus	Thickleaf groundsel	SIPR	procumbens
SECR2	crocatus	Saffron groundsel	SIDA	Sida spp.
SECY	cymbal-	Cleftleaf	SIHE	hederacea
	arioides	groundsel		
SEDE2	debilis		SIDAL	Sidalcea spp.
SEDI2	dimorphophyllus		SICA	candida
SEDO2	douglasii	Douglas groundsel	SIGL	glaucescens
SEER	eremophilus		SIMU	multifida
	(ambrosioides)	Desert groundsel	SINE	neomexicana
SEEU	euryccephalus		SIOR	oregana (nervata)
SEFE	fendleri	Fendler grounsel	SILEN	Silene spp.
SEFRF	fremontii	Fremont groundsel	SIAC	acaulis
	fremontii		SIAL2	alpina
SEFRB	fremontii		SIAN	antirrhina
	blitoides		SIAR	armeria
SEFRD	fremontii		SICL	clokeyi
	occidentalis		SICU	cucubalus
SEHA	hartianus		SIDO	douglasii (lyallii)
SEHY	hydrophilus	Water groundsel	SIME	menziesii
SEIN2	decorus		SIMO	montana
SEIN	integerimus	Lambstongue	SINO	noctiflora
	(columbianus)	groundsel	SINU	nuda
SELO	longilobus	Threadleaf groundsel	SIOR2	oregana
SEMI	millelobatus	Uinta groundsel	SIPA	parryi
	(uintahensis)		SIPE	peteronii
SEMU2	multilobatus	Lobeleaf groundsel	SIRE	rectiramea
SEMU3	mutabilis		SIRE2	repens
SENE	neomexicanus	New Mexico groundsel	SISA	sargentii
			SISC	scaposa
SEPA	pattersonianus		SISC2	scouleri
SEPA2	pauperculus	Balsam groundsel	SISP	spaldingii
SEPS	pseudauraeus	Golden groundsel	SIVE	vere cunda
SEPU	pubicus	Butterweed groundsel	SILYB	Silybum spp.
SESE	serra	Butterweed groundsel	SIMA	marianum
SESP	spartiodes	Broom groundsel	SISYM	Sisymbrium spp. (see Chlorocrambe)
SESP2	sphaero-		SIAL	altissimum
	cephalus		SIAM	ambiguum
SEST2	streptanthi-		SIIR	irio
	folius		SII02	loeselis
SETR	triangularis	Arrowleaf groundsel		Milkthistle Blessed milkthistle
SEVU	vulgaris	Common groundsel		
SEWE	werneriae-			
	folius			
SEWO	wootonii	Wooton senecio		
SESUV	Sesuvium spp.	Sesuvium, seapurslane		
SEVE	verrucosum			

FORBS

<u>SISY</u>	<u>Sisymbrium</u> spp. (con.)		<u>SOLID</u>	<u>Solidago</u> spp. (con.)
<u>SIOF</u>	<u>officinale</u>		<u>SOMI</u>	<u>missouriensis</u>
<u>SISYR</u>	<u>Sisyrinchium</u> spp.	Blue-eyed-grass	<u>SOMO</u>	<u>(concinna)</u>
<u>SIBE</u>	<u>bellum</u>	Western blue-eyed-grass	<u>SOMU</u>	<u>mollis</u>
<u>SID02</u>	<u>douglasii</u>	Douglas blue-eyed-grass	<u>SONA</u>	<u>multiradiata</u>
<u>S1HA2</u>	<u>halophilum</u>		<u>SONE</u>	<u>(ciliosa)</u>
<u>S1ID</u>	<u>idahoensis</u>	Idaho blue-eyed-grass	<u>SOOC</u>	<u>nana</u>
<u>S1IN</u>	<u>inflatum</u>		<u>SOPA</u>	<u>occidentalis</u>
<u>S1M02</u>	<u>montanum</u>	Colorado blue-eyed-grass	<u>SOR1</u>	<u>parryi</u>
<u>S1OC</u>	<u>occidentale</u>	Montana blue-eyed-grass	<u>SOSE</u>	<u>rigida</u>
<u>S1RA</u>	<u>radicatum</u>		<u>SOSP3</u>	<u>serotina</u>
<u>S1SA2</u>	<u>sarmentosum</u>		<u>SOSP</u>	<u>sparsiflora</u>
<u>S1UM</u>	<u>Sium</u> spp.	Waterparsnip	<u>SOSP2</u>	<u>spathulata</u>
<u>S1SU</u>	<u>suave</u>	Hemlock waterparsnip	<u>SOTE</u>	<u>spectabilis</u>
<u>SMELO</u>	<u>Smelowskia</u> spp.	Smelowskia	<u>SONCH</u>	<u>tenuifolia</u>
<u>SMCA</u>	<u>calycina</u>		<u>SOAR</u>	<u>Sonchus</u> spp.
<u>SMHO</u>	<u>holmgrenii</u>		<u>SOAS</u>	<u>arvensis</u>
<u>SM1LA</u>	<u>Smilacina</u> spp.	Solomon-plume; false Solomon-seal	<u>SOOL</u>	<u>asper</u>
<u>SMRAA</u>	<u>racemosa</u>		<u>SOUL</u>	<u>oleraceus</u>
	<u>amplexi-caulis</u>			<u>uliginosus</u>
<u>SMST</u>	<u>stellata</u>	Fat Solomon-plume	<u>SOPHO</u>	<u>Sophora</u>
		Starry Solomon-plume	<u>SONU</u>	<u>nuttalliana</u>
<u>SOLAN</u>	<u>Solanum</u> spp.	Nightshade	<u>SOST</u>	<u>stenophylla</u>
<u>SOCA</u>	<u>carolinense</u>	Carolina horsenettle	<u>SPERG</u>	<u>Spergula</u> spp.
<u>SODU</u>	<u>dulcamara</u>	Bitter nightshade	<u>SPAR</u>	<u>arvensis</u>
<u>SOEL</u>	<u>elaegnifolium</u>	Silverleaf nightshade	<u>SPER2</u>	<u>Spergularia</u> spp.
<u>SOJA</u>	<u>jamesii</u>	James nightshade	<u>SPAT</u>	<u>atrosperma</u>
<u>SON1</u>	<u>nigrum</u>	Black nightshade	<u>SPMA</u>	<u>marina</u>
<u>SORO</u>	<u>rostratum</u>	Buffalobur nightshade	<u>SPRU</u>	<u>rubra</u>
<u>SOSA</u>	<u>sarachoides</u>		<u>SPHAE</u>	<u>Sphaeralcea</u> spp.
<u>SOTR</u>	<u>triflorum</u>	Cutleaf nightshade	<u>SPAM</u>	<u>ambigua</u>
<u>SOLID</u>	<u>Solidago</u> spp.	Goldenrod	<u>SPCA</u>	<u>caespitosa</u>
<u>SOCA2</u>	<u>canadensis</u>		<u>SPCO2</u>	<u>coccinea</u>
	<u>(elongatus)</u>	Canada goldenrod	<u>SPD1</u>	<u>digitata</u>
<u>SOCO</u>	<u>confinis</u>		<u>SPEM</u>	<u>emoryi</u>
<u>SOGI</u>	<u>gigantea</u>	Giant goldenrod	<u>SPFE</u>	<u>fendleri</u>
<u>SOCR</u>	<u>graminifolia</u>	Grassleaf goldenrod	<u>SPFR</u>	<u>fremontii</u>
			<u>SPGR</u>	<u>grossulariaefolia</u>
			<u>SPIN</u>	<u>incana</u>

FORBS			FORBS		
SPHAE	Sphaeralcea spp. (con.)		STELL	Stellaria spp. (con.)	
SPLE	leptophylla		STNI	nitens	
SPMU	munroana	Munro globemallow	STOB	obtusa	
SPPA	parvifolia		STUM	umbellata	
SPRE	remota				
SPRI	rivularis	Stream globemallow	STEPH	Stephanomeria	Wirelettuce spp.
SPRU2	rusbyi		STEX	exigua	
SPSU	subhastata		STLA2	lactucina	
SPHA2	Sphaerophysa spp. (Swainsona)	Swainsonpea	STLY	lygodesmoides	
SPSA2	salsula	Salt globepea	STPA2	paniculata	
SPHE2	Sphenosciadium spp.	Woollyheadparsnip	STPA3	pauciflora	
SPCA2	capitellatum	Range woollyhead-parsnip	STTE2	tenuifolia	Slender wirelettuce
SPIR2	Spiranthes spp.	Ladies-tresses	STVI2	virgata	
SPPO	porrifolia	Creamy ladies-tresses			
SPRO	romanzoffiana	Continental ladies-tresses	STREP	Streptanthella spp.	
SPIRO	Spirodela spp.	Great ducksmeat	STLO3	longitrostris	
SPPO2	polyrhiza	Common ducksmeat	STRE2	Streptanthu spp.	Twistflower
STACH	Stachys spp.	Betony, hedge nettle	STCO3	cordatus	Heartleaf twistflower
STAL	albens				
STPA	palustris	Marsh betony	STRE3	Streptopus spp.	Twisted-stalk
STRI	rigida		STAM	amplexifolius	Claspleaf twisted-stalk
STRO	rothrockii				
STTE	teucriiformis		STYLO	Stylocline spp.	
STANL	Stanleya spp.	Princesplume	STFI	filaginea	
STAL2	albescens	Arizona princesplume	STMI	micropoides	
STCO4	confertiflora		STPS	psilocarphoides	
STPI2	pinnata	Desert princesplume	SUAED	Suaeda spp.	Seepweed
STIN	integrifolia	Wholeleaf desert princesplume	SUDE	depressa	Pursh seepweed
STAN2	Stanleyella spp. (see Thelypodium)		SUFR	fruticosa	Alkali seepweed
STEIR	Steironema spp. (see Lysimachia)		SUNI	nigra	
STELL	Stellaria spp.	Starwort	SUOC	occidentalis	Western seepweed
STCAT	calycanth interior	Northern starwort	SUSU	suffrutescens	Desert seepweed
STCR	crispa		SUTO	torreyana	Torrey seepweed
STJA	jamesiana		SUBL	Subularia spp.	Awlwort
STLO	longifolia		SUAQ	aquatica	Water awlwort
STLO2	longipes	Longstalk starwort	SUKSD	Suksdorffia spp.	Suksdorffia
STME	media	Chickweed	SURA	ranunculifolia	
			SWERT	Swertia spp.	Swertia
			SWPE	perennis	Alpinebog swertia

FORBS

SYNTN	Synthyris spp.	Kittentails
SYLA	laciniata	
SYMI	missuriana	
SYPI	pinnatifida	Featherleaf kittentails
<u>SYNTR</u>	Syntrichopappus spp.	
SYFR	fremontii	
TALIN	Talinum spp.	Fameflower
TABR	breviflorum	
TAPA	parviflorum	Prairie fameflower
TAVA	validulum	
TANAC	Tanacetum spp.	Tansy
TACA2	canum	
TRCA	carolinensis	
TANU	nuttallii	
TAPO	potentilloides	
TAUV	vulgare	Common tansy
TARAX	Taraxacum spp.	Dandelion
TACE	ceratophorum	Rough dandelion
TAER	eriphorum	
TALA	laevigatum	Smooth dandelion
TALY	lyratum	
TAOF	officinale	Common dandelion
TELES	Telesonix spp.	
TEJA	jamesii	
TEUCR	Teucrium spp.	Germander; woodsage
TECA2	canadense	American germander
THALI	Thalictrum spp.	Meadow Rue
THAL	alpinum	Alpine meadow Rue
THDA	dasycarpum	Purple meadow Rue
THFE	fendleri	Fendler meadow Rue
THOC	occidentale	Western meadow Rue
THSP	sparsiflorum	
THVE	venulosum	Veiny meadow Rue
THELE	Thelesperma spp.	Greenthread
THMA	marginatum	
THME	megapotamicum	
THSU	subnudum	Navajo-tea greenthread
THEL2	Thelypodopsis spp.	
THAU	aureum	
THEL	elegans	
THWY	wyomingensis	

FORBS

THELY	Thelypodium spp. (Stanleyella)	Thelypody
THCR	crispum	
THEU	eucosmum	
THFL	flexuosum	
THHO	howellii	Howell thelypody
THIN	integrifolium	Entireleaved thelypody
THLA	laciniatum	Cutleaved thelypody
THLA2	lasiophyllum	
THRO	rollinsii	
THSA	sagittatum	
THWR	wrightii	
THERM	Thermopsis spp.	Thermopsis
THCA	cardinians	
THMO	montana	Mountain thermopsis
THPI	pinetorum	Pine thermopsis
THLAS	Thlaspi spp.	Pennycress
THAR	arvense	Field pennycress
THMO3	montanum	Blue pennycress
THYSA	Thysanocarpus spp.	Lacepod
THAM	amplectens	
THCU	curvipes	
THLA3	laciniatus	
TIARE	Tiarella spp.	Foamflower
TIIR	trifoliata	Trefoil foamflower
TIDES	Tidestromia spp.	Tidestromia
TIILA	lanuginosa	Woolly tidestromia
TIOB	oblongifolia	Honeysweet tidestromia
TILLA	Tillaea spp.	Pigmyweed
TIAQ	aquatica	Common pigmyweed
TOFIE	Tofieldia spp.	Tofieldia
TOGL	glutinosa	Tofieldia
TOWNS	Townsendia spp.	Townsendia
TOAN	annua	
TOAP	apraca	
TOCO	condensata	
TOEX	exscapa	Stemless townsendia
TOFL	florifer (ambigua)	
TOHO	hookeri	Hooker townsendia
TOIN	incana	Hoary townsendia

FORBS

TOWNS	Townsendia spp. (con.)	
TOJO	jonesii	
TOLE	leptotes	
TOME	mensana	
TOMI	minima	
TOMO	montana	Mountain townsendia
TOPA2	parryi	Parry townsendia
TOSP	spathulata	
TOST	strigosa	Hairy townsendia
TRADE	Tradescantia spp.	Spiderwort
TROC	occidentalis	Prairie spiderwort
TRPI	pinetorum	Woods spiderwort
TRAGI	Tragia spp.	Noseburn
TRST	stylaris	
TRAGO	Tragopogon spp.	Goatsbeard, salsify
TRDU	dubius	Yellow salsify
TRPO	porrifolius	Vegetable-oyster salsify
TRPR	pratensis	Meadow salsify
TRAUT	Trautvetteria spp.	False-bugbane
TRCA	carolinensis	
TRIAN	Trianthema spp.	Horse-purslane
TRPO2	portulacastrum	Desert horse-purslane
TRIBU	Tribulus spp.	Puncturevine; caltrop
TRTE	terrestris	Puncturevine
TRICA	Tricardia spp.	
TRWA	watsonii	
TRIC2	Trichoptilium spp.	
TRIN	incisum	
TRIC3	Trichostema spp.	Bluecurls
TRAU	austromontanum	
TROB	oblongum	
TRSI	simulatum	
TRIFO	Trifolium spp.	Clover
TRAG	agrarium	Hop clover
TRAM	ambiguum	Kura clover
TRAN	andersonii	Fiveleaf clover
TRAN2	andinum	
TRBE2	beckwithii	Beckwith clover

FORBS

TRIFO	Trifolium spp. (con.)	
TRCA2	campestre	Large hopclover
TRCH	cherleri	
TRCY	cyathiferum	Cup clover
TRDA	dasyphyllum	Whiproot clover
TRDO	douglasii	Douglas clover
TRDU2	dubium	Suckling clover
TRER	eriocephalum	Woollyhead clover
TRFE	fendleri	Fendler clover
TRFR	fragiferum	Strawberry clover
TRGE	gemellum	
TRGL	glomeratum	Cluster clover
TRGY	gymnocarpon	Hollyleaf clover
TRHI	hirtum	Rose clover
TRIY	hybridum	Alsiike clover
TRKI	kingii	Kings clover
TRLA	leppaceum	Burdock clover
TREE	leibergii	
TRLE2	lemonii	Lemmons clover
TRLO	longipes	Longstalk clover
TRLOR	longipes reflexum	
TRMA	macilentum	Utah clover
TRMA2	macrocephalum	Bighead clover
TRMI	microcephalum	Littlehead clover
TRMO	monanthum	Carpet clover
TRMO2	monoense	Mono clover
TRNA	nanum	Dwarf clover
TRPA	parryi	Parry clover
TRPI3	pinetorum	
TRPL	plumosum	Pussy clover
TRPR2	pratense	Red clover
TRPR3	procumbens	Low hop clover
TRPR4	productum	
TRRE	repens	White clover
TRRE2	resupinatum	Persian clover
TRST2	striatum	Knotted clover
TRSU	subterraneum	Subterranean clover
TRVA	variegatum	Whitetip clover
TRWI	willdenovii	Sierra clover
TRIGL	Triglochin spp.	Podgrass, arrowgrass
TRCO	concinna	
TRDE	debilis	
TRMA3	maritima	Shore podgrass
TRPA2	palustris	Arrow podgrass
TRIGO	Trigonella spp.	Trigonella
TRFO	foenum-graecum	Fenugreek trigonella

<u>FQRBS</u>		<u>FORBS</u>	
TRILL	Trillium spp.	Trillium	VERAT Veratrum spp.
TROV	ovatum	Pacific trillium	VECA californicum
TRPE	petiolatum	Idaho trillium	VEES eschscholtzii
TRIOD	Triodanis spp.	Clasping venus	VERBA Verbascum spp.
TRPE2	perfoliata	lookingglass	VEBL blattaria
TRIXI	Trixis spp.	Trixis	VETH thapsus
TRCA5	californica	American trixia	
TROLL	Trollius spp.	Globeflower	VERBE Verbena spp.
TRLA2	laxus	American	VEBR bracteata
		globeflower	
TYPHA	Typha spp.	Cattail	VECA2 canescens
TYDO	domingensis	Dominican	VECA3 carolina
		cattail	VEGO gooddingii
TYGLG	glauca godron	Common cattail	VEHA hastata
TYLA	latifolia		VEMA macdougalii
URTIC	Urtica spp.	Nettle	VERB2 Verbesina spp.
URDI	dioica	Big stinging	VEEN encelioides
		nettle	
URHO	holosericea	California slim	VERON Veronica spp.
		nettle	VEAM americana
URLY	lyallii	Lyall nettle	VEAN anagallis-
URSE	serra		VEAR aquatica
UTRIC	Utricularia spp.	Bladderwort	VEBE arvensis
UTIN	intermedia		VEBE beccabunga
UTMI	minor	Lesser	VEBI biloba
		bladderwort	VECA4 catentata
UTVU	vulgaris	Common	VECU cusickii
		bladderwort	VEHE hederaefolia
VACCA	Vaccaria spp.	Soapwort	VEPE peregrina
VASE	segetalis	Cow soapwort	VEPE2 persica
VALER	Valeriana spp.	Valerian	VESCI scutellata
VAAC	acutiloba	Sharpleaf	VESE serpyllifolia
VAAR	arizonica	valerian	VEWO wormskjold
VAED	edulis	Arizona	
		valerian	
VAOC	occidentalis	Edible	
	(micrantha)	valerian	
VALE2	Valerianella spp.	Western	VICIA Vicia spp.
VALO	locusta	valerian	VIAMM americana minor
VANCL	Vanclevea spp.		VIAMT americana
VAST	stylosa		truncata
			VICR cracca
			VIEX exigua
			VIHI hirsuta
			VISA sativa
			VITE tenuifolia
			VIVI villosa

FORBS

VIGUI	Viguiera spp.	Goldeneye
VIAN	annua	Annual goldeneye
VICI	ciliata	Hairy goldeneye
VIDE	deltoides	Shrubby goldeneye
VIMUM	multiflora	
	multiflora	Showy goldeneye
VIMUN	multiflora	Nevada showy
	nevadensis	goldeneye
VISO	soliceps	
VIOLA	Viola spp.	Violet
VIAD	adunca	Hook violet
VIAR	arvensis	Field violet
VIBE	beckwithii	Beckwith violet
VICA	canadensis	Canada violet
VICH	charles-tonensis	
VIDL	glabella	Pioneer violet
VIMA	macloskeyi	Macloskey violet
VINE	nephrophyl-la	Wanderer violet
VINUN	nuttallii	
	nuttallii	
	(linguae-folia)	Nuttall violet
VINUV	nuttallii	
	vallicola	
VIOD	odorata	Sweet violet
VIPA	palustris	Marsh violet
VIPR	praemorsa	Yellow violet
VIPU	purpurea	Goosefoot violet
VIUT	utahensis	Utah violet
WISLI	Wislia spp.	
WIRE	refracta	Jackass clover
WOLFF	Wolffia spp.	Watermeal
WOPU	punctata	
WOODS	Woodsia spp.	
WOME	mexicana	Woodsia
WOOR	oregana	Mexican woodsia
WOPL	plummerae	Oregon woodsia
WOSC	scopulina	Plummer woodsia
WOODW	Woodwardia spp.	Rocky Mountain
WOFI	fimbriata	woodsia
WYETH	Wyethia spp.	Chainfern
WYAM	amplexicaulis	Western chainfern
WYAR	arizonica	Wyethia
WYHE	helianthoides	Mulesears wyethia
		Arizona wyethia
		Whitehead wyethia

FORBS

WYETH	Wyethia spp.	(con.)
WYMO	mollis	Woolly wyethia
WYSC	scabra	Badlands wyethia
XANTH	Xanthium spp.	Cocklebur
XASP	spinosum	Spiny cocklebur
XAST	strumarium	
XEROP	Xerophyllum spp.	Beargrass
XETE	tenax	Common beargrass
ZANNI	Zannichellia spp.	Poolmat
ZAPA	palustris	Common poolmat
ZAUSC	Zauschneria spp.	Firechalice
ZAGA	garrettii	Garrett firechalice
ZIGAD	Zigadenus spp.	Deathcamas
ZIEL	elegans	Mountain deathcamas
ZIPA	paniculatus	Foothill deathcamas
ZIVE	venenosus	Meadow deathcamas
ZIGR2	gramineus	Grassy deathcamas
ZIVA	vaginatus	
ZINNI	Zinnia spp.	Zinnia
ZIGR	grandiflora	Rocky Mountain zinnia
ZIZIA	Zizia spp.	Zizia
ZIAP	aptera	
ZUCKI	Zuckia spp.	
ZUAR	arizonica	
ZYGOP	Zygophyllum spp.	Beancaper
ZYFA	fabago	Syrian beancaper

TREES AND SHRUBS

<u>Alpha code</u>	<u>Scientific name</u>	<u>Common name</u>
ABIES	<i>Abies spp.</i>	Fir
ABCO	<i>concolor</i>	White fir
ABGR	<i>grandis</i>	Grand fir
ABLA	<i>lasiocarpa</i>	Subalpine fir
ABMA	<i>magnifica</i>	California red fir
.		
ACACI	<i>Acacia spp.</i>	Acacia
ACGR2	<i>greggii</i>	Catclaw acacia
ACAMP	<i>Acamptopappus spp.</i>	Goldenhead
ACSH	<i>shockleyi</i>	Shockley goldenhead
ACSPS	<i>sphaerocephalus</i>	
	<i>sphaerocephalus</i>	Rayless
	<i>sphaerocephalus</i>	goldenhead
ACSPH	<i>sphaerocephalus</i>	
	<i>hirtellus</i>	
ACER	<i>Acer spp.</i>	Maple
ACGI	<i>ginnala</i>	Amur maple
ACGLG	<i>glabrum</i>	Rocky Mountain maple
ACGLD	<i>glabrum</i>	
	<i>diffusum</i>	
ACGL2	<i>glabrum</i>	Douglas Rocky
	<i>douglasii</i>	Mountain maple
ACGLN	<i>glabrum</i>	
	<i>neomexicanum</i>	
ACGLT	<i>glabrum</i>	
	<i>torreyi</i>	
ACGL2	<i>glabrum</i>	
	<i>tripteritum</i>	
ACGR	<i>grandidentatum</i>	
ACMA	<i>macrophyllum</i>	Bigtooth maple
ACNEN	<i>negundo</i>	Bigleaf maple
	<i>negundo</i>	
ACNEI	<i>negundo</i>	Boxelder
	<i>interius</i>	Inland or Manitoba boxelder
ACNI	<i>nigrum</i>	Black maple
ACPL	<i>platanoides</i>	Norway maple
AESCU	<i>Aesculus spp.</i>	Horsechestnut or Buckeye
AEHI	<i>hippocastanum</i>	Common horse-chestnut
AESCU	<i>Aesculus spp.</i>	Horsechestnut or Buckeye
AEGL	<i>aesculus glabra</i>	Ohio buckeye
AEHI	<i>hippocastanum</i>	Common horse-chestnut
AEOC	<i>aesculus octandra</i>	Yellow buckeye

TREES AND SHRUBS

<u>Alpha code</u>	<u>Scientific name</u>	<u>Common name</u>
AGAVE	<i>Agave spp.</i>	Agave
AGDE	<i>deserti</i>	Desert agave
AGKA	<i>kaibabensis</i>	Kaibab agave
AGUT	<i>utahensis</i>	Utah agave
AILAN	<i>Ailanthus spp.</i>	Ailanthus
AIAL	<i>altissima</i>	Tree of heaven ailanthus
ALHAG	<i>Alhagi spp.</i>	
ALCA	<i>camelorum</i>	Camelthorn
ALLEN	<i>Allenrolfea spp.</i>	Iodine bush
ALOC	<i>occidentalis</i>	Iodine bush
ALNUS	<i>Alnus spp.</i>	Alder
ALOB	<i>oblongifolia</i>	New Mexico alder
ALRH	<i>rhombifolia</i>	White (Sierra) alder
ALSI2	<i>sinuata</i>	
ALTE	<i>tenuifolia</i>	Thinleaf alder
AMERO	<i>Ambrosia spp.</i> ( <i>Franseria</i> )	Bur-sage
AMDU	<i>dumosa</i>	White bur-sage
AMER	<i>eriocenta</i>	Woolly bur-sage
AMELA	<i>Amelanchier spp.</i>	Serviceberry
AMALA	<i>alnifolia</i>	Saskatoon serviceberry
AMALC	<i>alnifolia</i>	Cusick serviceberry
AMALP	<i>alnifolia</i>	Pale serviceberry
AMAL3	<i>alnifolia</i>	Dwarf saskatoon
AMFL	<i>pumila</i>	Pacific serviceberry
AMUTU	<i>utahensis</i>	Utah serviceberry
AMUTC	<i>utahensis</i>	
	<i>(oreophila)</i>	
	<i>covillei</i>	
AMORP	<i>Amorpha spp.</i>	Amorpha
AMCA2	<i>canescens</i>	Leadplant amorpha
AMFR	<i>fruticosa</i>	Indigobush amorpha
AMPHI	<i>Amphipappus spp.</i>	Chaff-bush
AMFRF	<i>fremontii</i>	
	<i>fremontii</i>	
AMFRS	<i>fremontii</i>	
	<i>spinosus</i>	

TREES AND SHRUBS			TREES AND SHRUBS		
ARCT2	Arctostaphylos spp.	Manzanita	ATRI2	Atriplex spp.	Saltbush
ARNE	nevadensis	Pinemat manzanita	ATBO	bonnevillensis	Fourwing saltbush
ARPA2	parryana	Parry manzanita	ATCA	canescens	Shadscale
ARPAP	parryana	Pine manzanita	ATCO	confertifolia	Mat saltbush
	pinetorum		ATCO2	corrugata	Castle valley
ARPA	patula	Greenleaf manzanita	ATCU	cuneata	clover
ARPU	pungens	Pointleaf manzanita	ATFA	falcata	Gardner saltbush
ARUV	uva-ursi	Bearberry	ATGA	gardneri	Garrett saltbush
ATRA2	Artemisia spp.	Sagebrush; wormwood	ATHY	hymenelytra	Desertholly saltbush
ARAB2	abrotanum	Oldman wormwood (Southernwood)	ATLE	lentiformis	Big saltbush
ARABN	artemisia ab- rotanum nana	Dwarf old man	ATNA	navajoensis	Broadscale saltbush
ARAR	arbuscula	Low sagebrush	ATOB	obovata	Parry saltbush
ARBI	bigelovii	Bigelow sagebrush	ATPA	parryi	Cattle saltbush
ARCAB	campestris	Sagewort wormwood	ATPL2	pleiantha	
ARCBS	borealis		ATPO	polycarpa	
	campestris borealis var.		ATTO	torreyi	
	scouleriana		ATTR	tridentata	
ARCAC	cana cana	Silver sagebrush	ATTR2	truncata	Wedgescale saltbush
ARCAV	cana	Mountain silver sagebrush	ATWE	welshii	Welsh saltbush
	viscidula		AYENI	Ayenia spp.	
ARCA4	cana	Bolander silver sagebrush	AYPU	pusilla	Ayenia Dwarf ayenia
	bolanderi		BACCH	Baccharis spp.	
ARCAS	carruthii	Carruth sagebrush	BAEM	emoryi	Baccharis Emory baccharis
ARD02	douglasiana		BAGL	glutinosa	Seepwillow baccharis
ARFI	filifolia	Sand sagebrush	BASE	sergioides	Squaw baccharis
ARFR	frigida	Fringed sagebrush	BAVI	viminea	Mulefat baccharis
ARLO3	longifolia	Longleaf sagebrush	BAWR	wrightii	Wright baccharis
ARLO4	longiloba	Alkali sagebrush	BEBBI	Bebbia spp.	Bebbia
ARNO	nova	Black sagebrush	BEJU	juncea	Rush bebbia
ARPAS	papposa		BERBE	Berberis spp. (Mahonia)	Barberry
ARPAG	parryi	Birdfoot sagebrush	BEAC	acuifolium	Shining barberry
ARPE3	pedatifida	Pygmy sagebrush	BEFR	fremontii	Fremont barberry
ARPY	pygmaea	Stiff sagebrush	BEHA	haematocarpa	Red barberry
ARRI	rigida	Timberline	BERE	repens	Creeping barberry
ARRO	rothrockii	sagebrush			
ARSP	spinescens	Bud sagebrush			
ARTRT	tridentata	Basin big sagebrush			
	tridentata				
ARTRV	tridentata	Mountain big sagebrush			
	vaseyan				
ARTRW	tridentata	Wyoming big sagebrush			
	wyomingensis				
ARTR2	tripartita	Tall threetip sagebrush			
	tripartita				
ARTRR	tripartita rupicola	Wyoming threetip sagebrush			

## TREES AND SHRUBS

## TREES AND SHRUBS

<u>BERNA</u>	Bernardia spp.	Bernardia	<u>CASS2</u>	Cassiope spp.	Cassiope
<u>BEIN</u>	incana		<u>CAME2</u>	mertensiana	Mertens cassiope
<u>BETUL</u>	Betula spp.	Birch	<u>CAMEG</u>	mertensiana	
<u>BEGL</u>	glandulosa	Bog birch		gracilis	
<u>BEOCO</u>	occidentalis	Water occidentalis (frontinalis)	<u>CEANO</u>	Ceanothus spp.	Buckbrush, ceanothus
<u>BEOCI</u>	occidentalis		<u>CECO</u>	cordulatus	Mountain white- thorn ceanothus
<u>BEPAP</u>	inopinal		<u>CECU2</u>	cuneatus	Wedgeleaf ceanothus
<u>BEPAC</u>	papyrifera	Western papyrifera	<u>CEFE</u>	fendleri	Fendler ceanothus
<u>BEPAS</u>	papyrifera	paper birch	<u>CEGRG</u>	greggii	Mohave desert
	commutata		<u>CEGRV</u>	greggii	ceanothus
	subcorda			greggii	
				vestitus	
<u>BRIC2</u>	Brickellia spp.	Brickellia	<u>CEINI</u>	integerimus	Deerbrush
<u>BRAT</u>	attractyloides	Spiny brickellia	<u>CEINC</u>	integerimus	ceanothus
<u>BRCA2</u>	californica	California brickellia	<u>CELE3</u>	integerimus	
<u>BRDE</u>	desertorum	Desert brickellia	<u>CELO</u>	californicus	
<u>BRFR</u>	frutescens	Rigid brickellia	<u>CEMA</u>	lemoni	Lemmon ceanothus
<u>BRGR</u>	grandifolia	Tassel flower brickellia	<u>CEPR</u>	lorenzenii	
<u>BRIN2</u>	incana	White brickellia	<u>CEMA</u>	martinii	Martin ceanothus
<u>BRLO</u>	longifolia	Longleaf brickellia	<u>CESA</u>	prostratus	Squawcarpet ceanothus
<u>BRMIM</u>	microphylla	Littleleaf	<u>CEVE</u>	sanguineus	Redstem ceanothus
<u>BRMIS</u>	microphylla		<u>CEDRU</u>	velutinus	Snowbrush ceanothus
	scabra	Rough brickellia	<u>CEDE</u>	Cedrus spp.	Cedar
<u>BRMU</u>	multiflora	Inyo brickellia		deodara	Deodar cedar
<u>BROBO</u>	oblongifolia	Mohave	<u>CELTI</u>	Celtis spp.	Hackberry
	oblongifolia	brickellia	<u>CEDO</u>	douglasii	Douglas hackberry
<u>BROBL</u>	oblongifolia		<u>CEO</u>	occidentalis	Common hackberry
	linifolia		<u>CERE</u>	reticulata	Netleaf hackberry
<u>BRWA</u>	watsonii	Watson brickellia	<u>CERA2</u>	Ceratoides spp. (Eurotia)	Winterfat
<u>BUDDL</u>	Buddleia spp.	Butterflybush	<u>CELAL</u>	lanata	Common winterfat
<u>BUDA</u>	davidi	Orange-eye butterflybush	<u>CELAS</u>	lanata	Bush winterfat
				subspinosa	
<u>BUHA</u>	hartwegi		<u>CERCI</u>	Cercis spp.	Redbud
<u>BUUT</u>	utahensis	Utah butterflybush	<u>CECA3</u>	canadensis	Eastern redbud
<u>CANOT</u>	Canotia spp.		<u>CEO2</u>	occidentalis	California redbud
<u>CAHO</u>	holacantha	Canotia	<u>CERCO</u>	Cercocarpus spp.	Mountain- mahogany
		Mohave canotia	<u>CFBE2</u>	betuloides	Birchleaf mountain mahogany
<u>CARAG</u>	Caragana spp.	Peashrub			
<u>CAAR</u>	arborescens	Siberian peashrub			
<u>CAARP</u>	arborescens	Pygmy peashrub			
	pygmaea				
<u>CASS1</u>	Cassia spp.	Senna			
<u>CAAR4</u>	armata	Desert senna			
<u>CACO4</u>	covesii	Hairy senna			

TREES AND SHRUBS

CERCO	Cercocarpus spp. (con.)	
CELEL	ledifolius	Curlleaf
	ledifolius	mountain
		mahogany
CELEI	ledifolius	
	intercedens	
CEIN	intricatus	Littleleaf
		mountain
		mahogany
CEMOM	montanus	True mountain
	montanus	mahogany
CEMOG	montanus glaber	
CEMO2	montanus	
	macrorus	
CHAMA	Chamaebatiaria spp.	Tansybush
CHMI	millefolium	Desertsweet
CHILO	Chilopsis spp.	Desert-willow
CHLI	linearis	Desert-willow
CHRY3	Chrysothamnus spp.	Rabbitbrush
CHAL5	albidus	Alkali rabbitbrush
CHDE	depressus	Dwarf rabbitbrush
CHGRG	greenei	Greenes rabbitbrush
CHHU2	humilis	Depauperate rabbitbrush
CHLI2	linifolius	Spreading rabbitbrush
CHNAN	nauseosus	Rubber rabbitbrush
CHNAA	nauseosus	White rubber rabbitbrush
CHNA2	albicaulis	
	nauseosus	
	artus	
CHNAB	nauseosus	
	bigelovii	
CHNAC	nauseosus	Threadleaf
	consimilis	rubber rabbitbrush
CHNAG	nauseosus	
	glabratus	
CHNA4	nauseosus	
	gnaphalooides	
CHNA6	nauseosus	Green rubber
	graveolens	rabbitbrush
CHNAH	nauseosus	
	hololeucus	
CHNAJ	nauseosus	Leafless rubber
	juncceus	rabbitbrush
CHNAL	nauseosus	
	leiospermus	
CHNAP	nauseosus	
	petrophilus	

TREES AND SHRUBS

CHRY3	Chrysothamnus spp. (con.)	
CHNAS	nauseosus	Mountain rubber
	salicifolius	rabbitbrush
CHNAT	nauseosus	
	turbinatus	
CHNAN	nauseosus	
	viscosus	
CHPAP	parryi	Parry rabbitbrush
	parryi asper	
CHPA3	parryi	
	attenuatus	
CHPAH	parryi	Howard rabbitbrush
	howardi	
CHPAM	parryi	
	monephalus	
CHPAN	parryi	
	nevadensis	
CHPAV	parryi	
	vulcanicus	
CHPU	pulchellus	Southwest rabbitbrush
CHTE2	teretifolius	Roundleaf rabbitbrush
CHVA	vaseyi	Vasey rabbitbrush
CHVIV	viscidiflorus	Stickyleaf low rabbitbrush
	viscidiflorus	
CHVIL	viscidiflorus	Mountain low rabbitbrush
	lanceolatus	
CHVI3	viscidiflorus	Wideleaf low rabbitbrush
	latifolius	
CHVI5	viscidiflorus	Hairy low rabbitbrush
	puberulus	
CHVIS	viscidiflorus	Narrowleaf low rabbitbrush
	stenophyllus	
CLEM3	Clematis spp.	Clematis, virginsbower
CLAU	aurea	
CLBR	brevicaudata	Shortplume clematis
CLCA	cariensis	
CLCO	columbiana	Columbian clematis
CLHIH	hirsutissima	
	hirsutissima	
CLNIC	hirsutissima	
	scotti	
CLLIL	ligusticifolia	Western virginsbower
	ligusticifolia	
CLLIB	ligusticifolia	
	brevisifolia	
CLMI	missouriensis	

TREES AND SHRUBS

CLEM3	<i>Clematis</i> spp. (con.)	
CLOR	<i>orientalis</i>	Oriental clematis
CLPS	<i>pseudoalpina</i>	Rocky Mountain clematis
COLEO	<i>Coleogyne</i> spp.	Blackbrush
CORA2	<i>ramosissima</i>	Blackbrush
COLUT	<i>Colutea</i> spp.	Bladdersenna
COAR	<i>arborescens</i>	Common bladdersenna
COIS	<i>istria</i>	Mediterranean bladdersenna
COND1	<i>Condalia</i> spp.	Condalia
COLYL	<i>lycioides</i>	Desert south-
	<i>lycioides</i>	western condalia
COLYC	<i>lycioides canescens</i>	
CORN1	<i>Cornus</i> spp.	Dogwood
COST1	<i>stolonifera</i>	Redosier dogwood
	<i>stolonifera</i>	
COSTO	<i>stolonifera occidentalis</i>	Western dogwood
COTON	<i>Cotoneaster</i> spp.	Cotoneaster
COAC	<i>acutifolia</i>	Peking cotoneaster
COIN	<i>integerrima</i>	European cotoneaster
COLU	<i>lucida</i>	Hedge cotoneaster
CORA3	<i>racemiflora</i>	Redbead cotoneaster
COTO2	<i>tomentosa</i>	Brickberry cotoneaster
COTU	<i>turkestanica</i>	
COWAN	<i>Cowanía</i> spp.	Cliffrose
COMES	<i>mexicana</i>	Stansbury cliffrose
	<i>stansburiana</i>	
CRATA	<i>Crataegus</i> spp.	Hawthorn
CRD02	<i>douglasii</i>	Douglas hawthorn
CRRI	<i>rivularis</i>	River hawthorn
CRLA	<i>lauta</i>	Franklin hawthorn
CROX	<i>oxyacantha</i>	English hawthorn
CUPRE	<i>Cupressus</i> spp.	Cypress
CUARA	<i>arizonica</i>	Arizona cypress
	<i>arizonica</i>	
CUARN	<i>arizonica nevadensis</i>	Piute cypress
DALE2	<i>Dalea</i> spp.	Dalea, indigo bush
DAFO	<i>formosa</i>	Feather dalea

TREES AND SHRUBS

DALE2	<i>Dalea</i> spp. (con.)	
DAFRF	<i>fremontii</i>	Fremont dalea
	<i>fremontii</i>	
DAFRM	<i>fremontii</i>	Desert beauty
	<i>minutifolia</i>	fremont dalea
DAFRP	<i>fremontii</i>	Navaho
	<i>pubescens</i>	fremont dalea
DAFRS	<i>fremontii</i>	
	<i>saudersii</i>	
DAKI	<i>kingii</i>	King dalea
DAMO	<i>mollissima</i>	
DAPO	<i>polyadenia</i>	Nevada dalea
DATE	<i>terminalis</i>	
DATH	<i>thompsonae</i>	Thompson dalea
DRYAS	<i>Dryas</i> spp.	Dryad
DROCA	<i>octopetala</i>	
	<i>angustifolia</i>	
DROCH	<i>octopetala</i>	Mt. Washington dryad
	<i>hookeriana</i>	
ECHIN	<i>Echinocactus</i> spp.	Hedgehog cactus
ECAC	<i>acanthodes</i>	Barrelcactus
ECPOX	<i>polyccephalus</i>	Cottontop
	<i>xeranthemoides</i>	echinocactus
ECHI2	<i>Echinocereus</i> spp.	Echinocereus
ECEN	<i>engelmannii</i>	Engelmann echinocereus
ECFE	<i>fendleri</i>	Fendler echinocereus
ECTR1	<i>triglochidiatus melanacanthus</i>	
ECTR3	<i>triglochidiatus mojavensis</i>	Claretcup echinocereus
ELAEA	<i>Elaeagnus</i> spp.	Elaeagnus
ELAN	<i>angustifolia</i>	Russian-olive
ELCO2	<i>commutata</i>	Silverberry
ELUM	<i>umbellatum</i>	Autumn elaeagnus
ENCER	<i>Encelia</i> spp.	Encelia
ENFA	<i>farinosa</i>	Incienso (White brittlebush)
ENFR	<i>frutescens</i>	Bush encelia
ENFRA	<i>frutescens</i>	
	<i>actonii</i>	
ENFRR	<i>frutescens resinosa</i>	
	<i>frutescens virginensis</i>	
ENFRV	<i>frutescens</i>	

TREES AND SHRUBS

EPHED	Ephedra spp.	Ephedra, jointfir, Mormon tea
EPAS	aspera	Rough ephedra
EPCU	cutleri	Cutler ephedra
EPFA	fasciculata	
	fasciculata	
EPFAC	fasciculata clokeyi	
EPNE	nevadensis	Nevada ephedra
EPTO	torreyana	Torrey ephedra
EPVI	viridis	Green ephedra
ERIOD	Eriodictyon spp.	Yerba-santa
ERAN	angusti- folium	Narrowleaf yerba-santa
ERIO2	Eriogonum spp.	Eriogonum or Wild buckwheat
ERDI	divergens	
EREFE	effusum	Spreading
	effusum	buckwheat
EREFD	effusum durum	
EREFN	effusum	
	nelsonii	
EREF0	effusum	
	ordiculatum	
EREF5	effusum	
	salinum	
EREF2	effusum	
	shandsii	
ERFAP	fasciculatum	California
	polifolium	flattop wild-
		buckwheat
ERFAR	fasciculatum	
	revolutum	
ERFR	fruticosum	
ERHE2	heracleoides	Wyeth eriogonum
ERMIM	microthecum	Slenderbush
	microthecum	eriogonum
ERMIC	microthecum	
	confertiflorum	
ERMI2	microthecum	
	crispus	
ERMIE	microthecum	
	expansum	
ERMIF	microthecum	
	friscanum	
ERMI1	microthecum	
	idahoense	
ERMI3	microthecum	
	intermedium	
ERMI4	microthecum	
	macdougalii	
EROV	ovalifolium	Cushion eriogonum
ERUM	umbellatum (neglectum)	Sulfur eriogonum

TREES AND SHRUBS

EUROT	Eurotia spp.	(see Ceratoides)
FALLU	Fallugia spp.	Apache-plume
FAPA	paradoxa	Apache-plume
FENDL	Fendlera spp.	Fendlerbush
FERU2	rupicola	Cliff fendlerbush
FEND2	Fendlerella spp.	Fendlerella
FEUT	utahensis	Utah fendlerella
FERO2	Ferocactus spp.	Ferocactus
FEACL	acanthodes lecontei	
FICUS	Ficus spp.	Fig
FICA	carica	Common fig (white genoa)
FORE2	Forestiera spp.	Forestiera
FONE	neomexicana	New Mexican forestiera
FOPH	phillyreoides	New Mexican olive forestiera
FRAN2	Franseria spp.	(see Ambrosia)
FRAXI	Fraxinus spp.	Ash
FRAM	americana	White ash
FRAN	anomala	Singleleaf ash
FRANL	anomala lowelii	Lowell singleleaf ash
FRCUM	cuspidata macropetala	Fragrant ash Two-petal ash
FRDI2	dipetala	
FRPE	pennsylvanica	Green ash
FRVE2	velutina	Velvet ash
GARRY	Garrya spp.	Silktassel
GAFLF	flavescens	Yellowleaf silktassel
GAFLP	flavescens pallida	
GAWR	wrightii	Wright silktassel
GAULT	Gaultheria spp.	Honeylocust
GAHI	hispidula	Creeping snowberry
GAHU3	humifusa	Western honeylocust
GAOV	ovatifolia	Slender wintergreen
GLEDI	Gleditsia spp.	Honeylocust
GLTR	triacanthos	Common honeylocust

TREES AND SHRUBS			TREES AND SHRUBS		
GLOSS	Glossopetalon spp. (Forsellesia)	Greasebush	HOLOD	Holodiscus spp. (con.)	
GLME	meionandra		HODUD	dumosus	Bush
GLNEN	nevadense		HODUG	dumosus	ocean-spray
	nevadense			glabrescens	
GLNES	nevadense var. stipuliferum		HOUST	Houstonia spp.	Bluets
GLPU	pungens	Dwarf greasebush	HORU	rubra	
GRAYI	Grayia spp.	Hopsage	HYMEN	Hymenoclea spp.	Burrobrush
GRBR	brandegei	Spineless hopsage	HYSA	salsola	White burrobrush
GRSP	spinosa	Spiny hopsage	JAMES	Jamesia spp.	Jamesia
GUTIE	Gutierrezia spp.	(see Xanthocephalum)	JAAMA	americana	Cliff jamesia
			JAAMC	americana	California
				californica	cliff jamesia
GYMN2	Gymnocladus spp.	Coffeetree	JANUS	Janusia spp.	Janusia
GYDI	diocicus	Kentucky coffeetree	JAGR	gracilis	Slender janusia
HALIM	Halimodendron spp.	Salt-tree	JUGLA	Juglans spp.	Walnut
HAHA	halodendron	Siberian salt-tree	JUMA	major	Arizona black walnut
HALLI	Halliophytum spp.	Chuckawallabush	JUNI	nigra	Eastern black walnut
HAHA2	hallii	Halls chucka- wallabush	JUNIP	Juniperus spp.	Juniper
HAPL2	Haplopappus spp.	Goldenweed	JUCOS	communis	Mountain com- mon juniper
HABL	bloomeri	Rabbitbrush	JUHO	saxatilis	Creeping juniper
HABR	brickelliooides	goldenweed	JUMO	horizontalis	
HACE	cervinus	Brickell goldenweed	JUOC	monosperma	One-seed juniper
HACU2	cuneatus		JUOS	occidentalis	Sierra juniper
HALI	linearifolius	Wedgeleaf goldenweed	JUSC	osteosperma (utahensis)	Utah juniper
HAMA	macronema	Narrowleaf goldenweed		scopulorum	Rocky Mountain juniper
HANA	nanus	Whitestem goldenweed	KALMI	Kalmia spp.	Laurel, kalmia
HARA	racemosus	Dwarf goldenweed	KAPOM	polifolia	Alpine bog
HARY	rydbergii	Rydberg goldenweed		microphylla	kalmia
HASC	scopulorum		KOCHI	Kochia spp.	Summer cypress
HASU	suffruticosus	Singlehead goldenweed	KOAMA	americana	Green molley
HAWA	watsonii	Watson goldenweed	KOAMV	americana	summer cypress
			KOPR	vestita	or red sage
				prostrata	Gray summer cypress
HOLOD	Holodiscus spp.	Ocean-spray	KOELR	Koelreuteria spp.	Prostrate summer cypress
HOBO	boursieri		KOPA	paniculata	Goldrain-tree
HODI	discolor	Rockspirea (creambush)			Panicled goldenrain

TREES AND SHRUBS

KRAM	Krameria spp.	Krameria
KRGR	grayi	Grays krameria
KRPAG	parvifolia	Littleleaf
	glandulosa	krameria
KRPAI	parvifolia	
	imparata	
LAPHA	Laphamia spp.	
LACO	congesta	
LAFA	fastigiata	
LAGR	gracilis	
LAIN	intricata	
LAPAP	palmeri	
	palmeri	
LAST	stansburiae	
LARIX	Larix spp.	Larch
LAOC	occidentalis	Western larch
LARRE	Larrea spp.	Creosotebush
LADI	divaricata	Spreading creosote bush
LEDUM	Ledum spp.	Ledum
LEGL	glandulosum	Western ledum
LEPI3	Lepidospartum spp.	Scalybroom
LELA	latisquamum	Woolly scalybroom
LEPT2	Leptodactylon spp.	
LECA3	caespitosa	Mat prickly phlox
LEPU	pungens	Prickly phlox
LEPUH	pungens	Granite prickly
	hallii	phlox
LEWA	watsonii	Watson prickly
		phlox
LIBOC	Libocedrus spp.	Incensecedar
LICH	chilensis	Chilean incensecedar
LIDE	decurrens	California incensecedar
LIPPI	Lippia spp.	Lippia
LIWR	wright lippia	
LONIC	Lonicera spp.	Honeysuckle
LOAR	arizonica	Arizona honeysuckle
LOCA3	caerulea	Sweetberry honeysuckle
LOC12	ciliosa	Western trumpet honeysuckle
LOC02	conjugialis	Purpleflower honeysuckle
LOIN	involuta	Bearberry honeysuckle
LOPR	prolifera	Grape honeysuckle

TREES AND SHRUBS

LONIC	Lonicera spp.	(con.)
LOTA	tatarica	Tatarian honeysuckle
LOUT	utahensis	Utah honeysuckle
LUPI2	Lupinus spp.	Lupine
LUBR2	breweri	Brewers lupine
LUEX	excubitus	Inyo lupine
LUEXH	excubitus hillii	Hills lupine
LYCIU	Lycium spp.	Matrimony-vine, wolfberry
LYAN	andersonii	Anderson wolfberry
LYBA	barbarum (halimifolium)	Matrimony vine
LYCO2	cooperi	Cooper wolfberry
LYPAP	pallidum	Pale
	pallidum	wolfberry
LYPAO	pallidum oligospermum	
LYTO	torreyi	Torrey wolfberry
MACLU	Maclura spp.	Osage-orange
MAPO	pomifera	Osage-orange
MAHON	Mahonia spp.	(See Berberis)
MALUS	Malus spp.	Crabapple
MABR2	bracteata	Buncombe crabapple
MAHO	hopa	Hopa crabapple
MENOD	Menodora spp.	Menodora
MESC	scabra	Rough menodora
MESP2	spinescens	Spiny menodora
MORUS	Morus spp.	Mulberry
MOALT	alba tatarica	Russian mulberry
NEOLL	Neolloydia spp.	Button cactus
NEJO	johnsonii	
OPUNT	Opuntia spp.	Pricklypear, cholla
OPAC	acanthocarpa	Buckhorn cholla
OPBA	barkleyana	
OPBAB	basilaris	Beavertail pricklypear
OPBAA	basilaris aurea	Golden pricklypear
OPBAW	basilaris whitneyana	
OPBI	bigelovii	Arizona jumping pricklypear
OPCH	chorotica	Dollarjoint pricklypear
OPEC	echinocarpa	Strawtop pricklypear

TREES AND SHRUBS

OPUNT	Opuntia spp. (con.)	
OPER	erinacea	Grizzlybear pricklypear
OPFRF	fragilis	Brittle pricklypear
OPFRD	fragilis	pricklypear
	denudata	
OPGR	gracilicyl- indrica	
OPHY	hystrixiana	
OPLA	laevis	Smooth pricklypear
OPPA	parishii	Parish cholla
OPPH	phaeacantha	
OPPO	polyacantha	Plains pricklypear
OPPUP	pulchella	
	pulchella	
OPPUB	pulchella	
	brachyrhopolica	
OPPUT	pulchella	
	tuberculosi- rhopalica	
OPPY	pygmaea	
OPRA	ramosissima	Holycross cholla
OPRH	rhodantha	
OPRU	rubrifolia	
OPSP	spectatissima	
OPWH	whipplei	Whipple cholla
OPWE	weigandii	
OPWO	woodsii	
OSTRY	Ostrya spp.	Hophornbeam
OSKN	knowltonii	Knowlton hophornbeam
PACHI	Pachistima spp.	Pachistima
PAMY	myrsinites	Myrtle pachistima
PARR2	Parryella spp.	
PAFI2	filifolia	Dunebroom
PARO	rotundata	
PARTH	Parthenium spp.	Parthenium
PAIN	incanum	Mariola parthenium
PART2	Parthenocissus spp.	Creeper
PAIN2	inserta	Thicket creeper
PEDIO	Pediocactus spp.	
PESI	sileri	
PESI2	simpsonii	
PEPA8	paradinei	
PENS2	Penstemon spp.	Penstemon
PEBRB	breviflorus	Stubflower breviflorus
		penstemon

TREES AND SHRUBS

PENS2	Penstemon spp. (con.)	
PEBRG	breviflorus	Whitebark pine
	glabrisepalus	Lodgepole pine
PEFRF	fruticosus	Bush penstemon
PEFRS	fruticosus	
	scouleri	
PEFR2	fruticosus	
	serratus	
PELE2	lemonni	Jeffrey pine
		Bristlecone pine
PERAP	Peraphyllum spp.	Sugar pine
PERA	ramosissimum	
PEUCE	Peucephyllum spp.	
PESC2	schottii	
PHILA	Philadelphus spp.	
PHLE	lewisii	Mockorange, syringa
PHMIM	microphyllus	Lewis mockorange
	microphyllus	Littleleaf mockorange
PHMIA	microphyllus	
	argenteus	
PHMIO	microphyllus	
	occidentalis	
PHMI2	microphyllus	
	ovatus	
PHMIS	microphyllus	
	stramineus	
PHYLL	Phyllodoce spp.	Mountainheath
PHEM	empetrifloriformis	Red mountainheath
PHGL6	glanduliflora	Cream mountainheath
PHYSO	Physocarpus spp.	Ninebark
PHAL2	alternans	Dwarf ninebark
PHIN6	intermedius	Illinois ninebark
PHMA	malvaceus	Mallow ninebark
PHMO2	monogynus	Mountain ninebark
PICEA	Picea spp.	Spruce
PIEN	engelmannii	Englemann spruce
PIPU	pungens	Colorado blue spruce
PINUS	Pinus spp.	Pine
PIAL	albicaulis	Whitebark pine
PICO	contorta	Lodgepole pine
	(latifolia)	
PIED	edulis	Pinyon
PIFL	flexilis	Limber pine
PIJE	jeffreyi	Jeffrey pine
PILO	longaeva	Bristlecone pine
PILA	lambertiana	Sugar pine

TREES AND SHRUBS

<u>PINUS</u>	Pinus spp. (con.)	
PIMO	monophylla	Singleleaf pinyon pine
PIMO2	monticola	Western white pine
PIPO	ponderosa	Ponderosa pine
PIWA	washoensis	
PLUC2	Pluchea spp.	Pluchea
PLSE	sericea	Marsh fleabane
POLIO	Poliomintha spp.	Rosemarymint
POIN2	incana	Hoary rosemary-mint
POLYG	Polygala spp.	Polygala
POACA	acanthoclada	Thorn polygala
POACI	acanthoclada	
POACI	acanthoclada	
POSUS	subspinosa	Spiny polygala
POSUH	subspinosa	
	heterorhyncha	

(*Polygonum* spp.--see Forbs)

<u>POPUL</u>	Populus spp.	Aspen, poplar, cottonwood
POAC	acuminata	Lanceleaf cottonwood
POAL2	alba alba	White poplar
POALP	alba	Bolleana
	pyramidalis	poplar
POAN	angustifolia	Narrowleaf cottonwood
POBA	balsamifera	Balsam poplar
POCA2	canadensis	Carolina or Gray poplar
PODE	deltoides	Eastern cottonwood
POFRF	fremontii	Fremont cottonwood
POFRW	fremontii	Rio Grande cottonwood
PONII	wislizenii	Black poplar
POSA	nigra italicica	Plains cottonwood
POTR	tremuloides	Quaking aspen
POTR3	trichocarpa	Black cottonwood (California poplar)
POTE2	Potentilla fruticosa	Cinquefoil
POFR		Bush cinquefoil

TREES AND SHRUBS

<u>PROSO</u>	Prosopis spp.	Mesquite
PRJUT	jultiflora	Mesquite
	torreyana	
PRPU	pubescens	Screwbean mesquite
<u>PRUNU</u>	Prunus spp.	Plum; cherry
PRAM	americana	American plum
PRAN	andersonii	Anderson peachbrush
PRAR	armeniaca	Apricot
PRBE	besseyi	Bessy cherry
PRDE	demissa	
PRDO	domestica	Garden plum
PREM	emarginata	Bitter cherry
PRFA	fesciculata	Desert peachbrush
PRFR	fruticosa	
PRIL	ilicifolia	Hollyleaf cherry
PRJA	japonica	Chinese bushcherry
PRPAC	padus	Harbinger european birdcherry
PRPE	comutata	
PRSE	persica	Peach
PRSI	serotina	Black cherry
PRSP2	siberica	Sloe cherry
PRSU	spinosa	Klamath plum
PRTE	subcordata	
PRTO	tenella	
PRVID	tomentosa	
	virginiana	Western common chokecherry
	demissa	Black common chokecherry
PRVIM	virginiana	
	melanocarpa	chokecherry
<u>PSEU2</u>	Pseudotsuga spp.	Douglas-fir
PSMEM	menziesii	Douglas-fir
	menziesii (taxifolia)	
PSMEG	menziesii glauca	Rocky Mountain Douglas-fir
<u>PTELE</u>	Ptelea spp.	Hoptree
PTBA	baldwinii	Baldwin hoptree
PTPA	pallida	Pale hoptree
PTPO	polyadenia	
PTTR	trifoliata	Common hoptree
<u>PURSH</u>	Purshia spp.	Bitterbrush
PUGL	glandulosa	Desert bitterbrush
PUTR	tridentata	Antelope bitterbrush
<u>QUERC</u>	Quercus spp.	Oak
QUCHC	chrysolepis	Canyon live oak
	chrysolepis	

TREES AND SHRUBS

<u>QUERC</u>	Quercus spp. (con.)	
QUCHP	chrysolepis	Palmer oak
	palmeri	
QUGA	gambelii	Gambel oak
QUGR	grisea	Gray oak
QUMA	macrocarpa	Bur oak
QUPA	palustris	Pin oak
QUTU	turbinella	Shrub live oak
QUUN	undulata	Wavyleaf oak
<u>RHAMN</u>	Rhamnus spp.	Buckthorn
RHAL	alnifolia	Alder buckthorn
RHBE0	betulaefolia	Birchleaf
	obovata	buckthorn
RHCAU	californica	California
	ursina	buckthorn
RHCA	cathartica	Common buckthorn
RHDA	davurica	Dahurian
		buckthorn
RHER	erythroxylon	
RHLI	libanotica	Lebanon
		buckthorn
RHOL	oleoides	
RHPE	petiolaris	Petioled
		buckthorn
RHPU	purshiana	Cascara
		buckthorn
RHRU	rubra	
RHSA	saxatilis	Rock buckthorn
RHSM	smithii	Buckthorn
RHSP	spathulaefolia	
RHTI	tinctoria	Dyers buckthorn
<u>RHUS</u>	Rhus spp.	Sumac
RHGLC	glabra	Rocky Mountain
	cismontana	smooth sumac
RHMI	microphylla	Littleleaf
		sumac
RHRA	radicans	Poison sumac
	(toxicodendron rydbergii)	
RHTRT	trilobata	Skunk bush
	trilobata	sumac
RHTRA	trilobata	
	anisophylla	
RHTRQ	trilobata	
	quinata	
RHTRS	trilobata	
	simplicifolia	
RHTY	typhina	Staghorn
		sumac
<u>RIBES</u>	Ribes spp.	Currant,
		gooseberry
RIAU	aureum	Golden currant
RICEC	cereum	Wax currant
RICEI	cereum	Squaw
	inebrians	currant

TREES AND SHRUBS

<u>RIBES</u>	Ribes spp. (con.)	
RICO	coloradense	Colorado currant
RIHE	hendersonii	Henderson
		gooseberry
RIIN	inerme	Whitestem
		gooseberry
RILA	lacustre	Prickly currant
RILE	leptanthum	Trumpet gooseberry
RIMO	montigenum	Gooseberry
		currant
RINE	nevadense	Sierra currant
RINI	niveum	Snow gooseberry
RIPE	petiolare	Western black
		currant
RISE	setosum	Missouri
		gooseberry
RIVEV	velutinum	Desert
	velutinum	gooseberry
RIVEG	velutinum	Gooding
	goodingii	gooseberry
RIVIV	viscosissimum	Sticky
	viscosissimum	currant
RIVIH	viscosissimum	Halls currant
	hallii	
RIWO	wolfii	Rothrock currant
<u>ROBIN</u>	Robinia spp.	Locust
RONE	neomexicana	New Mexico locust
ROPS	pseudoacacia	Black locust
<u>ROSA</u>	Rosa spp.	Rose
ROAC	acicularis	Prickly rose
ROCO	collaris	
ROEG	eglanteria	Sweetbrier rose
ROGY	gymnocarpa	Baldhip rose
ROLA	latxon	
ROMA	manca	Mancos rose
ROMU	multiflora	Japanese rose
RONUH	nutkana	Bristly nootka
	hispida	rose
	(spaldingii)	
ROST	stellata	Desert rose
ROWOU	woodssii	Woods rose
	ultramontana	
<u>RUBUS</u>	Rubus spp.	Blackberry or
		Raspberry
RUDI	discolor	Himalayan
		blackberry
RUIDS	idaeus	American red
	sachalinensis	raspberry
	(strigosus)	
RULA3	laciniatus	New Mexican
	neomexicanus	raspberry
RUPA	parviflorus	Japanese
		raspberry

TREES AND SHRUBS

SALAZ	Salazeria spp.	Bladdersage
SAME2	mexicana	Mexican bladdersage
SALIX	Salix spp.	Willow
SAAM	amygdaloides	Peachleaf willow
SAAR	arctica	Arctic willow
SABA	babylonica	Babylon weeping willow
SABAP	barclayi	Barclay willow
SABEP	padophylla	Smooth bebb willow
	perrostrata	Barrenground willow
SABR	brachycarpa	Cascades willow
SACA	cascadensis	Undergreen willow
SACO	commutata	Drummond willow
SADR	drummondiana	Coyote willow
SAEZE	exigua exigua	Dusky willow
SAEXM	exigua melanopsis	Geyer willow
SAEXS	exigua stenophylla	Grayleaf willow
SAGE	geyeriana	Jepson willow
SAGL	glauca	Polished willow
SAJE	jepsonii	Pacific willow
SALA2	laevigata	Whiplash willow
SALA2	lasiandra	Arroyo willow
SACA	caudata	Lemmons willow
SALA3	lasiolepis	Blueberry willow
SALE	lemonnii	Black willow
SAMO2	monticola	Snow willow
SAMY	myrtillifolia	Sierra willow
SANIV	nigra venulosa	Tealeaf willow
SANIN	nivalis	Purplecosier willow
SANIS	nivalis	Mackenzie willow
	saximontana	Watson willow
SAOR	oresteria	
SAPHP	phylicifolia	
SAPH2	planifolia	
	phylicifolia (monica)	
SAPUP	purpurea	
SARIM	purpurea	
	rigida	
SARIW	mackenziana	
	rigida	
SASC	watsonii (lutea)	
	scouleriana	Scouler willow
SATW	tweedyi	Tweedy's willow
SAWOW	wolfii wolfii	Wolfs willow
SAWOI	wolfii idahoensis	Idaho wolfs willow

TREES AND SHRUBS

SALV2	Salvia spp.	Purple sage
SADOD	dorrii dorrii	
SADOC	dorrii argentea	
SADOC	dorrii carnosa	
SADOG	dorrii gilmanii	
SAMB	Sambucus spp.	Elder
SACE	cerulea (glauca)	Blueberry elder
SARPM	racemosa pubens	Black elder
SARP2	melanocarpa racemosa pubens	
	microbotrys	Red elder
SARCO	Sarcobatus spp.	Greasewood
SAVEV	vermiculatus	Black
	vermiculatus	greasewood
SAVEB	vermiculatus baileyi	Bailey greasewood
SCLER	Sclerocactus spp.	Sclerocactus
SCME	mesae-verdae	
SCPO	polyancistrus	
SCWHI	whipplei	
	intermedrus	
SCWHP	whipplei	
	pubispinus	
SCWHR	whipplei roseus	
SEQUO	Sequoia spp.	Sequoia
SEGI	gigantea	Giant sequoia
SHEPH	Shepherdia spp.	Buffaloberry
SHAR	argentea	Silver buffaloberry
SHCA	canadensis	Russet buffaloberry
SHRO	rotundifolia	Roundleaf buffaloberry
SIMMO	Simmondsia spp.	Jojoba
SICH	chinensis	Goatnut jojoba
SOPH2	Sophora spp.	Sophora
SOAR2	arizonica	Arizona sophora
SORB2	Sorbus spp.	Mountain-ash
SOAM	americana	American mountain-ash
SOAU	aucuparia	European mountain-ash
SOHY	hybrida	Oakleaf mountain-ash
SOSCC	scopolina	Greenes
	cascadensis	mountain-ash
SOSCS	scopolina	
	scopolina	

TREES AND SHRUBS

SORBU	<i>Sorbus</i> spp. (con.)	
SOSI	<i>sitchensis</i>	Sitka mountain-ash
SPIRA	<i>Spiraea</i> spp.	Spirea
SPCA3	<i>caespitosa</i>	
SPCA4	<i>canescens</i>	Hoary spirea
SPDE	<i>densiflora</i>	Subalpine spirea
SPDOR	<i>douglasii</i>	Douglas spirea
	<i>roseata</i>	
SPLU	<i>lucida</i>	Shinyleaf spirea
SPPY	<i>pyramidalis</i>	Pyramid spirea
SPSA	<i>sargentiana</i>	Sargent spirea
SYMPH	<i>Symporicarpos</i> spp.	Snowberry
SYALA	<i>albus</i> <i>albus</i>	
SYALL	<i>albus</i>	Garden common snowberry
	<i>laevigatus</i>	
SYALP	<i>albus</i>	Dwarf common snowberry
	<i>pauciflorus</i> ( <i>racemosus</i> )	
SYLO	<i>longiflorus</i>	Longflower snowberry
SYMOA	<i>mollis</i> <i>acutus</i>	Spreading snowberry
SYMOH	<i>mollis</i> <i>hesperius</i>	Creeping snowberry
SYOC	<i>occidentalis</i>	Western snowberry
SYORO	<i>oreophilus</i> <i>oreophilus</i>	Mountain snowberry
SYORU	<i>oreophilus</i> <i>utahensis</i> ( <i>vaccinoides</i> )	
SYPA	<i>parishii</i> ( <i>rotundifolius</i> )	Roundleaf snowberry
SYRA	<i>racemosus</i>	
SYRIN	<i>Syringa</i> spp.	Lilac
SYHE	<i>henryi</i>	Henry lilac
SYVI	<i>villosa</i>	Late lilac
SYVU	<i>vulgaris</i>	Common lilac
TAMAR	<i>Tamarix</i> spp.	Tamarisk
TAAP	<i>aphylla</i>	Athel tamarisk
TAPA2	<i>parvifolio</i>	Fivestamen tamarisk
TARU	<i>ramosissima</i>	
TATE	<i>tetrandra</i>	Fourstamen tamarisk
TETRA	<i>Tetradymia</i> spp.	Horsebrush
TEAX	<i>axillaris</i>	Longspine horsebrush
TECA	<i>canescens</i> ( <i>linearis</i> )	Gray horsebrush
TECO	<i>comosa</i>	Hairy horsebrush

TREES AND SHRUBS

TETRA	<i>Tetradymia</i> (con.)	
TEGL	<i>glabrata</i>	Littleleaf horsebrush
TENU	<i>nuttallii</i>	Nuttal horsebrush
TESP	<i>spinosa</i>	Cottonthorn horsebrush
THAMN	<i>Thamnosma</i> spp.	Desertrue
THMO2	<i>montana</i>	Mohave desertrue
TSUGA	<i>Tsuga</i> spp.	Hemlock
TSHE	<i>heterophylla</i>	Western hemlock
TSME	<i>mertensiana</i>	Mountain hemlock
ULMUS	<i>Ulmus</i> spp.	Elm
ULAM	<i>americana</i>	
ULPA	<i>parvifolia</i>	Chinese elm
ULPU	<i>pumila</i>	Siberian elm
VACCI	<i>Vaccinium</i> spp.	Blueberry, huckleberry whortleberry
VACA	<i>caespitosum</i>	Dwarf blueberry
VAGO	<i>gobulare</i>	Globe huckleberry
VAME	<i>membranaceum</i>	Big whortleberry
VAMY	<i>myrtillus</i> ( <i>oreophilum</i> )	Myrtle whortleberry
VAOC2	<i>occidentale</i>	Western bog blueberry
VAOV	<i>ovalifolium</i>	Ovalleaf huckleberry
VAOX	<i>oxycoccus</i>	Wild cranberry
VASC	<i>scoparium</i>	Grouse whortleberry
VITIS	<i>Vitis</i> spp.	Grape
VIARA	<i>arizonica</i> <i>arizonica</i>	Canyon grape
VIARG	<i>arizonica</i> <i>glabra</i>	
XANT2	<i>Xanthocephalum</i> spp. ( <i>Gutierrezia</i> )	Matchbrush snakeweed
XAMI	<i>microcephala</i>	Threadleaf snakeweed
XASA	<i>sarothrae</i>	Broom snakeweed
YUCCA	<i>Yucca</i> spp.	Yucca
YUAN	<i>angustissima</i>	Fineleaf yucca
YUBAB	<i>baccata</i>	Datil yucca
	<i>baccata</i>	
	<i>vespertina</i>	
YUBAV	<i>baccata</i>	
YUBA2	<i>baileyi</i>	
	<i>baileyi</i>	
YUBAN	<i>baileyi</i> <i>navajoa</i>	

TREES AND SHRUBS

YUCCA	Yucca spp. (con.)	
YUBRB	brevifolia	Joshua-tree
	brevifolia	yucca
YUBRJ	brevifolia	
	jaegeriana	
YUEL	elata	Soaptree yucca
YUHA	harrimanae	Harriman yucca
YUKA	kanabensis	
	(glaуca)	
YUNE	neomexicana	Spanish bayonet
YUSC	schidigera	Mohave yucca
YUTO	toftiae	
YUUT	utahensis	
ZELKO	Zelkova spp.	Zelkova
ZESE	serrata	Japanese selkova

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